



Specification Guide

Hygienic Solutions MMA Resins

UAE OFFICE

KIZAD, Abu Dhabi, PO Box 126886
Email: info@HygienicMMAResins.com

Phone: +971 2 884 5673
www.HygienicMMAResins.com



INTERNATIONAL
CONCRETE REPAIR
INSTITUTE

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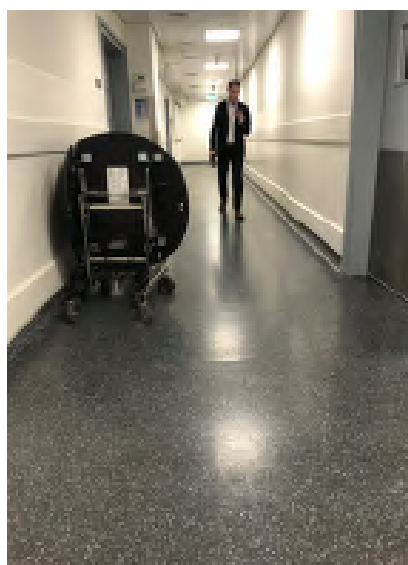
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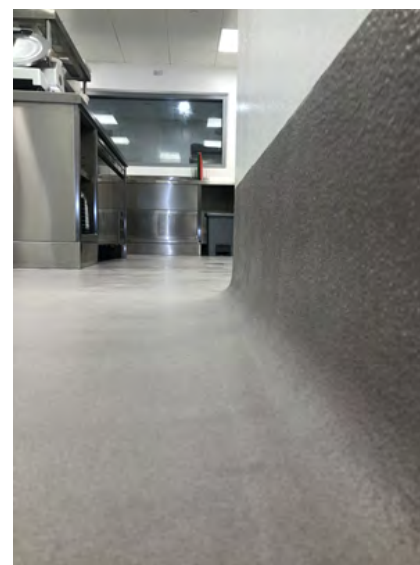
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Maintenance Rooms	30	Toilets	45
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Hygienic Solutions MMA Seamless Colour Quartz for Kitchen & Heavy Duty Areas



Hygienic Solutions MMA Seamless Colour Flakes for BOH Corridors and Staff Canteens



Hygienic Solutions MMA Seamless Colour Quartz Coving with no Joints

HISTORY OF RESINS

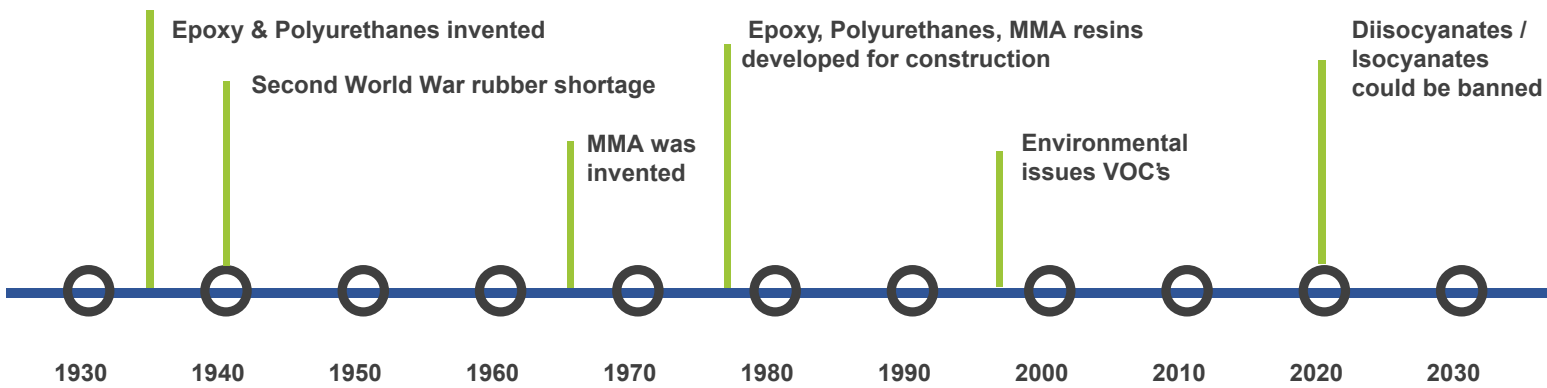
Methyl Methacrylate Resin (MMA) was invented around 1965, the prime use for MMA resins was used as a modifier for PVC, another application as a cement for total hip replacements and total knee replacements by surgeons, it is used to fix bone to bone. The typical lifespan for the MMA is 20 years for bone to bone operations and over the last 50 years MMA has been developed for wall and floor coatings due to its natural anti-bacterial properties, no VOC's and has no Diisocyanates or Isocyanates which causes Asthma and possibly cancer.

Because Diisocyanates & Isocyanates are harmful, products that contain these may soon face harder legislation or even banned from the working environment across Europe, USA and eventually the world, this may mean MMA resin grows faster the same way as Polyurethanes did during the second world war when rubber was in short supply.

As the world becomes more aware of the environmental and health issues it will become apparent which products contain chemicals that cause damage to the environment such as plastics, VOC's and what products cause damage to humans such as Diisocyanates, Isocyanates, therefore, these type of products will be phased out or even banned until a new product can be found to replace them in formulas. In our opinion, this could mean that any such future products containing harmful formulas will not be considered for future construction projects.

The information above has been taken from the following companies and in no way Hygienic Solutions responsible:

www.epoxy-europe.eu, www.polyurethanes.uk, isocyanates by CDC, Centres for disease control and prevention.



HYGIENIC SOLUTIONS MMA RESIN COMPARISON AGAINST EPOXY RESINS, POLYURETHANE RESINS & CERAMIC TILES

PROPERTIES	HYGIENIC SOLUTIONS MMA RESIN	EPOXY RESIN	POLYURETHANE RESIN	CERAMIC TILES
WALK ON DRY FLOORS	15 MINUTES	24 HOURS	24 HOURS	24 HOURS
FULLY CURED FLOOR SYSTEM	1 HOUR	UP TO 14 DAYS (AMBIENT TEMPERATURE)	UP TO 14 DAYS (AMBIENT TEMPERATURE)	DEPENDS ON BONDING AGENT USED
GUARANTEE'S DIRECT FROM MANUFACTURER	YES, GUARANTEED DIRECT INCLUDES PRODUCT AND APPLICATION	NO, ONLY PRODUCT GUARANTEED, APPLICATOR GUARANTEE'S HIS WORKMANSHIP	NO, ONLY PRODUCT GUARANTEED, APPLICATOR GUARANTEE'S HIS WORKMANSHIP	NO, ONLY PRODUCT GUARANTEED APPLICATOR GUARANTEE'S HIS WORKMANSHIP
100% SEAMLESS	YES, 100% SEAMLESS	NO, REQUIRES SEALANTS AROUND DRAINS, JOINTS ETC.	NO, REQUIRES SEALANTS AROUND DRAINS, JOINTS ETC...	NO, REQUIRES SEALANTS AROUND DRAINS, JOINTS ETC..
100°C HIGH TEMPERATURE	YES, ACHIEVES 100°C TEMPERATURES @ 4MM THICK	NO, ONLY 60°C MAX	9MM & 12MM THICK ONLY, 4MM ACHIEVES 70° AND 6MM ACHIEVES 80°	YES, ACHIEVES 100° C
-35° C LOW TEMPERATURE	YES, -35°C @ 4MM	DEPENDS ON THICKNESS	-35°C @ 9MM	NO, WILL DE-BOND
HIGH IMPACT LOADS	YES, NATURAL STONE TAKES HIGH IMPACT, COLOURED QUARTZ	NO, TOO HARD @65-70N/MM2 TOO BRITTLE, WILL CHIP AND BREAK	YES @ 9MM AND 12MM THICK.	NO, TOO BRITTLE, WILL CRACK AND CHIP
STEAM CLEANABLE	YES, @ 4MM THICKNESS	NO, WILL CRACK	YES @ 9MM AND 12MM THICK ONLY	NO, GROUT WILL BLAST OUT
NATURAL ANTI-BACTERIAL	YES, INDEPENDENTLY TESTED	NO, REQUIRES ADDITIVES	NO REQUIRES ADDITIVES	NO REQUIRES ADDITIVES
THERMAL COEFFICIENT EXPANSION DRAINS	YES, WILL MOVE WITH STAINLESS STEEL DRAINS AND GULLIES	NO, REQUIRES SEALANT AROUND DRAINS AND GULLIES	NO REQUIRES SEALANT AROUND DRAINS AND GULLIES	NO REQUIRES SEALANT AROUND DRAINS AND GULLIES
THERMAL SHOCK TEMPERATURE DIFFERENCE FLOOR TO ROOM AIR	HYGIENIC SOLUTIONS MMA RESIN TAKES THERMAL SHOCK	NO, WILL CRACK AND DELAMINATE	YES, TAKES THERMAL SHOCK	YES TAKES THERMAL SHOCK
CHEMICAL RESISTANCE FOOD ACIDS	EXCELLENT RESISTANCE	VERY POOR	POOR	POOR RESISTANCE DUE TO GROUT

BAKERY

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees.
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

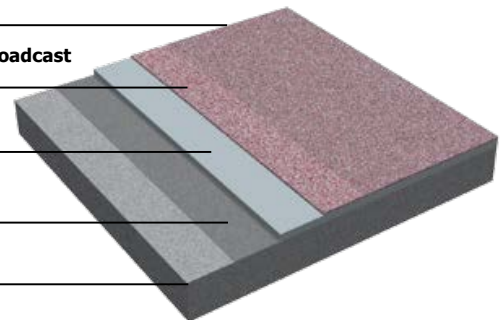
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Coloured Quartz System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 5450014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts [Please Click Here](#)

Hygienic Solutions Head Office

KIZAD, Abu Dhabi, PO Box 126886

Email: info@HygienicMMAResins.com, John@HygienicMMAResins.com

Phone: +971 2 884 5673 +971 58 126 9560

www.HygienicMMAResins.com

BACK OF HOUSE CORRIDORS

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

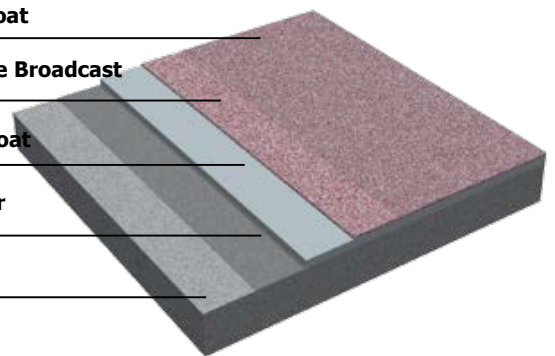
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

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[Please Click Here](#)

BUTCHERY

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees.
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V-.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

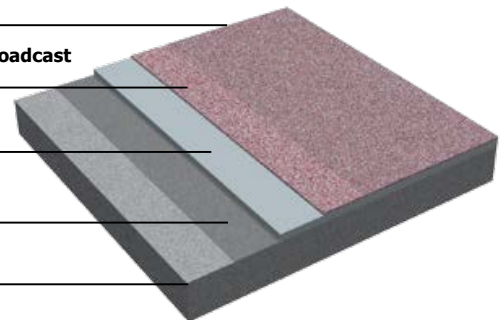
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



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Email: Luke@HygienicMMAResins.com,
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- System - Hygienic Solutions MMA Coloured Quartz System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

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CANTEEN

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

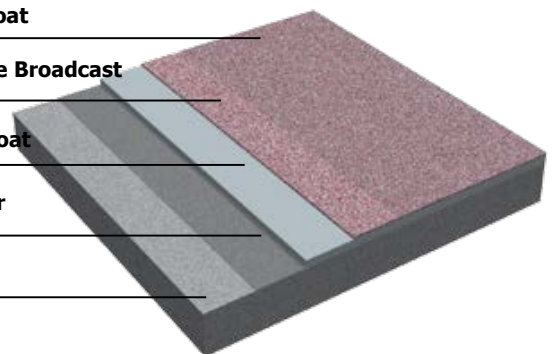
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



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Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

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[Please Click Here](#)

CAR PARK

Hygienic Solutions High Build Traffic Deck System

DESCRIPTION

Hygienic Solutions High Build Traffic Deck system comprises of sealer (optional) HS Epoxy primer with our flexible Polyurethane Top Coat.

The system;

- Sealer (optional for porous surfaces)
- Epoxy primer solvent free
- Anti-slip Quartz/sand
- Pigmented Polyurethane Top Coat
- Pigmented Polyurethane Top Coat

BENEFITS OF THE SYSTEM

- Superior Bond
- Choice of many colours
- Easy to clean and maintain
- Solvent Free
- Made in Germany
- Excellent abrasion resistance
- High chemical resistance
- Requires no thinners
- Elastomeric system

DIRECTIONS FOR USE

Substrate must be dry with a moisture content less than 4%, free of dirt, dust, oil, grease and any other materials that may impair adhesion. All laitance should be removed by grinding.

TECHNICAL PROPERTIES

PROPERTY	STANDARD TEST METHOD	RESULT
Relative Density		1.55 ± 0.05 g/cm ³
Viscosity		940 MPa.S
Pot Life		60 Minutes at 25 °C
Tensile Strength		12 N/mm ²
Elongation at Break		Approx >40%
VOC		<10 gr./Lt.
Compressive Strength	BS 6319-2: 1983	70 N/mm ²
Tensile Strength	ASTM C 307-99	21 N/mm ²
Abrasion Resistance	ASTM D 4060	20 mg
Resistance to foot Traffic		Approx 24 Hours at 25 °C

PRIMING

HS Primer is a two component system, the two components must be mixed together thoroughly in the portions supplied until homogeneous and streak free.

If using HS Epoxy Primer follow the instructions on the Primer Data Sheet.

SCRATCH COAT

All surface irregularities are recommended to be repaired with repair mortar or a scratch coat.

1:1 mixed with HS Mortar & oven dried sand, the mixture should be troweled to close pin holes, cracks, pores & minor defects.

MIXING

The entire contents hardener B poured into component A (the base). the mixture should be mixed together for two minutes with a slow speed drill, 200-300 RPM until obtaining a homogenous mix.

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Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions Car Park System
Pigmented Epoxy Primer with full broadcast of Anti-Skid Quartz
Hygienic Solutions Pigmented Polyurethane Topcoat be able to achieve High skid resistance with no tyre squeal
- Must be UV resistant
- HACCP approved
- Compressive strength 70N/mm²
- 10 Year Guarantee by manufacturer including application.

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CHANGING ROOMS

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

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- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

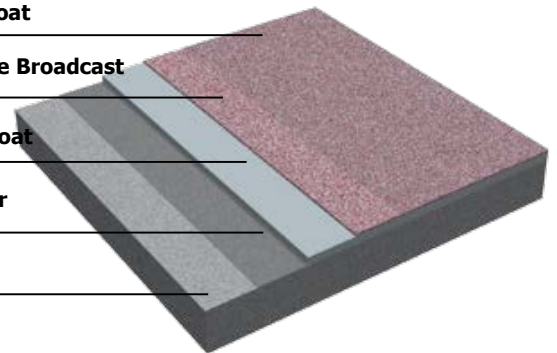
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



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Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

CHILLER ROOMS

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

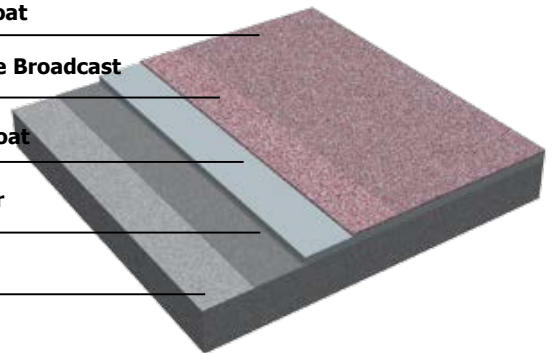
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

CLASS ROOMS

Hygienic Solutions MMA Liquid Vinyl System

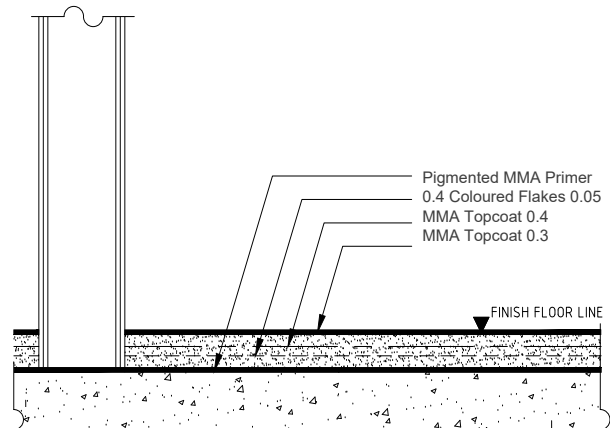
DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. Hygienic Solutions MMA resin can be applied to both walls and floor to create a full hygienic room or area. The special coloured flakes create aesthetically pleasing floors; that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options. It can also be used with pure pigmented colours; creating a solid look, all RAL Colours are available.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No shut down of operational areas required, ideal for busy areas like schools, factories and airports
- Waterproof
- No Fading Colour
- Flexible
- Available in all RAL colours (please see the HS RAL colour chart)
- Change the slip resistance without bays, joints and sealants.
- 3 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	6 MPa
Compressive Strength	DIN EN ISO 604	12 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	920 MPa
Impact Strength	EN ISO 6272	4 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R11 to R13 and V6 to V10
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26050 U 08 the coating system is physiologically safe, suitable for food processing companies.



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Liquid Vinyl System Hygienic Solutions MMA Pigmented Primer
Small Broadcast of Coloured Flakes 0.05 kg
(Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 3 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

CORRIDORS

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

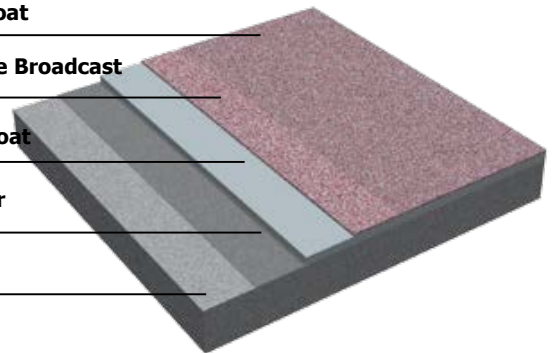
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

DECORATIVE TERRAZZO - FRONT OF HOUSE

Hygienic Solutions ECO Terrazzo Floor

PRODUCT FEATURES

Hygienic Solutions Seamless Terrazzo is an Eco-friendly matrix material made from waste from Steel foundries, the product has no resin and no cement, this makes the system inert, non-shrink, non-crack unlike resin and cement-based products.

Made with different types of silica our secret formulation allows our seamless Terrazzo to dry and fully cure in less than 4 hours depending on ambient temperatures. Self-levelling allows us to apply at lower thicknesses which means less diamond grinding with the same wear resistance you would expect from a Terrazzo Floor.

BENEFITS OF THE SYSTEM

- Self-Levelling
- Non-Shrink
- Non-Crack
- Easy to Apply
- Any RAL Colour matrix
- Thin System 5mm Grinded Down to 4mm
- No Cement
- No Resin
- 100% Seamless
- Range of Aggregates Available to Suit any Design
- High Wear-ability
- Fully Guaranteed Including Application

TECHNICAL PROPERTIES

PROPERTY	STANDARD TEST METHOD	RESULT
Strength Class	DIN EN 13813	CT-C40-F7
Application Thickness		Applied at 5mm, grind down to 4mm to expose the aggregates
Processing Temperature		Min +5° C / Max 35° C
Walkability		After 4 Hours
Light Loads		1 Day
Fully Loadable		4 Days
Mixing Ratios to Water		6.5L Clean Water to 25kg Powder
Compressive Strength		40N/mm ²
Flexural Strength		7.5N/mm ²
Elastic Modulus		10.2KN/mm ²
Abrasion Resistance	BCA	AR 0,5
Processing time @ 20° C		60 Minutes
Bulk Density		1.1 KG/dm ³
Fresh Mortar Density		2.0 KG/dm ³

SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions Eco Terrazzo Floor
 - Hygienic Solutions MMA Primer
 - Mix 1 bag of Hygienic Solutions ECO Floor with Clean Water and Terrazoo aggregate
 - Pour over primed floor (colour and thickness to be confirmed)
 - (product is self-levelling to SR1 flatness 3mm-100mm thickness)Á
 - Hygienic Solutions Top Coats until fully seale
- 10 year Guarantee by Manufacturer including application
- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- No Cement in the system
- No Resin in the main coat
- 3mm-100mm (thickness to be confirmed)
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour chartsÁ

[Please Click Here](#)

DISH & POT WASH

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees.
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V-.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

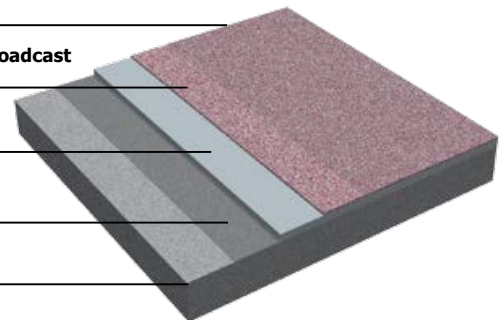
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: +971 58 545 0014
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Coloured Quartz System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: +971 58 5450014 Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts [Please Click Here](#)

ELECTRICAL ROOMS

Hygienic Solutions MMA Pigmented System

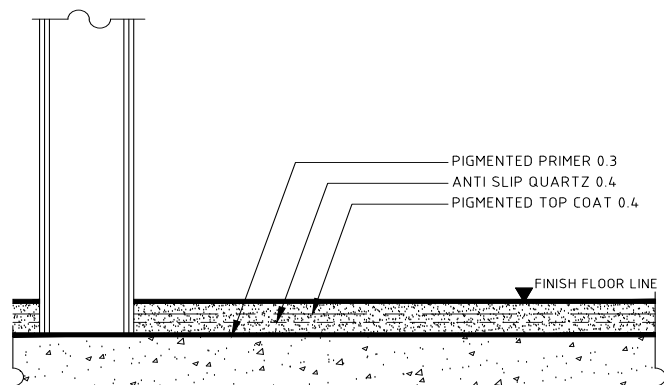
8 9 G7 F -DH-C B

Hygienic Solutions MMA pigmented sealer coat is a 100% solids MMA resin which cures and dries in 15 minutes per layer. Can be clear or pigmented to any RAL colour. Hygienic Solutions Pigmented sealer coat system can be a one coat or two coat system, depending on use of floor/stairs, and is applied at 300 microns per layer. Can be applied smooth or with anti-slip to suit any slip resistance from R9-R13. Can be used in areas Where a cost solution resin is required.

BENEFITS OF THE SYSTEM

- 100% Seamless
- Different slip resistance achieved from R9-R13
- Takes Thermal Shock
- Takes Thermal Co-efficient expansion
- Bonds directly to stainless steel drains
- Naturally hygienic
- No sealants required around drains and gullies
- No shut down of operational areas required because of the fast cure and fast drying
- 100% Waterproof
- Any RAL Colour available
- UV Stable
- Flexible
- Ideal for high temperatures over 100°C
- Change the slip resistance without bays, joints and sealants.
- Guaranteed including application

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	ASTM D638	30N/ mm2
Compressive Strength	DIN EN ISO 604	12 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	920 MPa
Impact Strength	EN ISO 6272	4 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R11 to R13 and V6 to V10
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26050 U 08 the coating system is physiologically safe, suitable for food processing companies.



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Pigmented System Hygienic Solutions MMA Pigmented Primer (Colour to be confirmed)
Hygienic Solutions MMA Pigmented Topcoat (Colour to be confirmed)
- 3 year Guarantee by Manufacturer including application
- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- No Isocyanate's as they cause Asthma/possible cancer in the system
- Can be applied smooth or Anti-slip

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

FISH AREAS

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees.
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V-.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

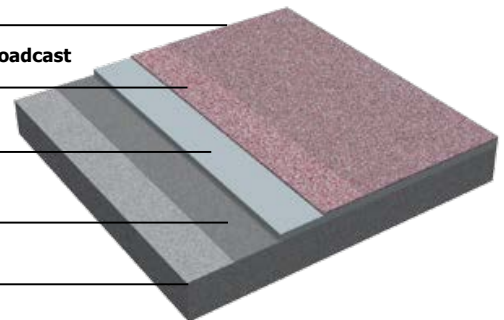
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Coloured Quartz System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 5450014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts [Please Click Here](#)

FOOD COURTS

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

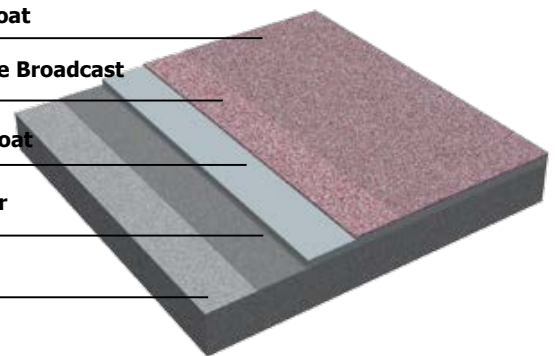
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

FOOD PREPARATION AREAS

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees.
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

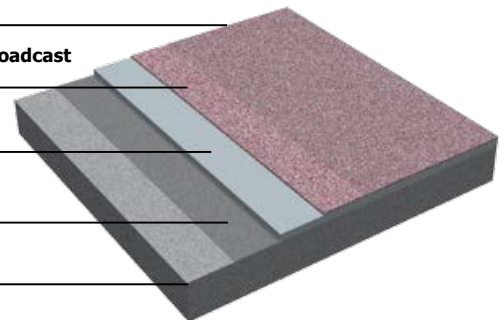
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Coloured Quartz System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 5450014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts [Please Click Here](#)

FOOD PRODUCTION AREAS

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees.
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V-.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

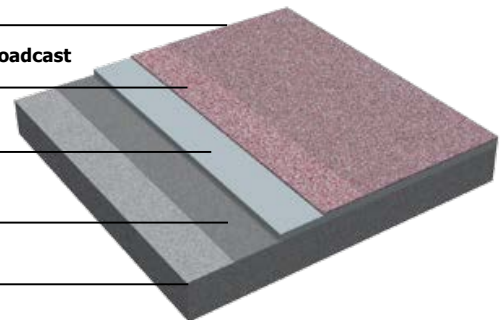
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

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Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Coloured Quartz System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

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FORKLIFT AREAS

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

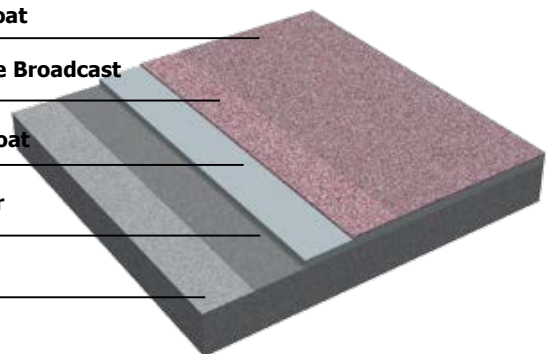
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

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Email: Luke@HygienicMMAresins.com,
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- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

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[Please Click Here](#)

FREEZER ROOMS

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees. Can also take low temperatures -35°C
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V-.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

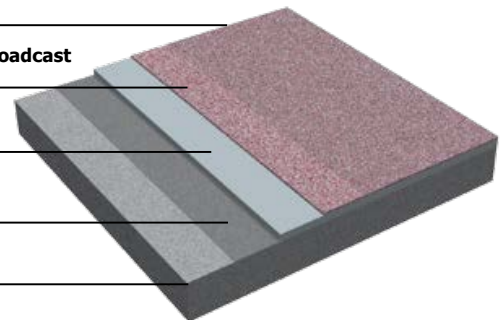
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
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Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Coloured Quartz System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

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FRONT OF HOUSE SHOPS - OPTION 1

Hygienic Solutions ECO Floor

PRODUCT FEATURES

Hygienic Solutions Eco industrial flooring system is made from an ECO binder technology, which has no VOC's, no isocyanates, no diisocyanates or any other harmful products that are harmful to the planet or man. The product is naturally white in colour and can be pigmented to any RAL colour or printed on with a stencil for patterns and pictures for a decorative flooring system.

BENEFITS OF THE SYSTEM

- Self-levelling
- Ideal as a floor finish and self-level screed
- Fast curing and drying 4 hours
- High abrasion resistance
- 100% mineral with no chemicals
- High resistance to chemicals and salt water
- High flowability to self-level
- Seamless no joints
- High compressive strength
- High flexural strength
- Pigmented to any RAL colour
- Made from Green field waste
- No Cement which is harmful to the environment

TECHNICAL PROPERTIES		
PROPERTIES	TEST STANDARDS	TYPICAL VALUES
Strength Class	DIN EN 13813	CT-C40-F7
Mixing Ratios to Water		6.51 Clean Water to 25kg Powder
Application Thickness		2mm - 30mm Thickness
Walkability		After 4 Hours
Light Loads		1 Day
Fully Loadable		4 Days
Processing Temperature		Min +5° C / Max 35° C
Compressive Strength		40N/mm2
Flexural Strength		7.5N/mm2
Elastic Modulus		10.2KN/mm2
Abrasion Resistance	BCA	AR 0,5
Processing time @ 20° C		60 Minutes
Bulk Density		1.1 KG/dm3
Fresh Mortar Density		2.0 KG/dm3

SPECIFICATION GUIDELINE

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Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com

- System - Hygienic Solutions Eco Floor

Hygienic Solutions MMA Primer

Mix 1 bag of Hygienic Solutions ECO Floor with Clean Water

Pour over primed floor (colour to be confirmed)

(product is self-levelling to SR1 flatness 3mm-100mm thickness)

Hygienic Solutions Top Coats until fully sealed

- 5 year Guarantee by Manufacturer including application

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[Please Click Here](#)

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- No Cement in the system
- No Resin in the main coat
- 3mm-100mm (thickness to be confirmed)
- No Isocyanate's as they cause Asthma/possible cancer in the system

GARBAGE ROOMS

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees.
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES

PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V-.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

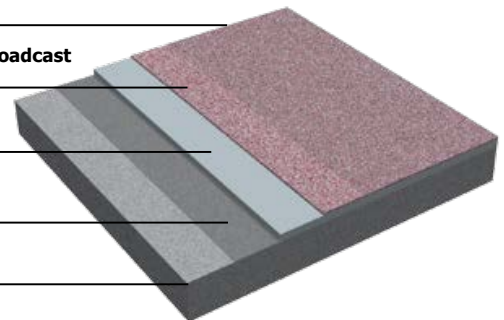
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Coloured Quartz System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

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KITCHEN HOT/COLD

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees.
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

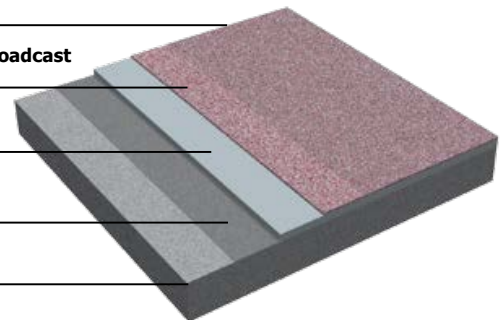
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



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Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

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LAUNDRY ROOMS

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

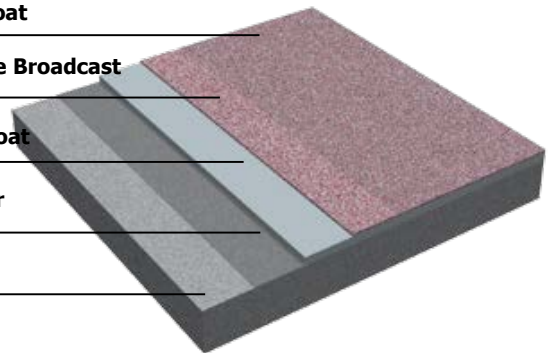
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

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info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

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Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

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LIFT LOBBY

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
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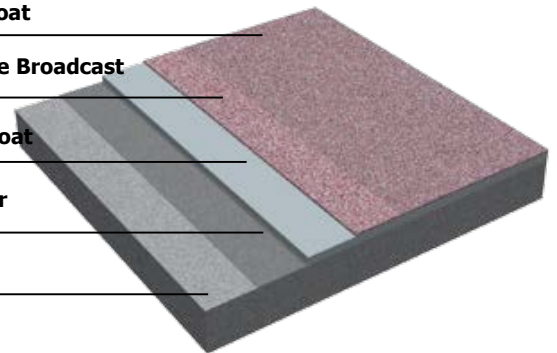
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Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

LOADING BAY

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees.
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V-.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

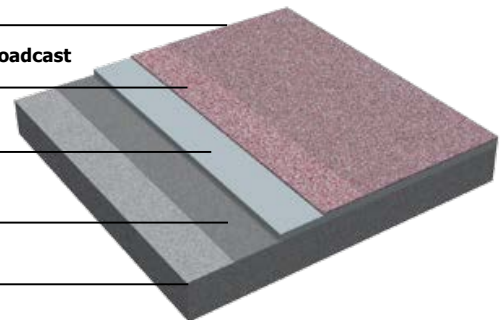
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Coloured Quartz System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 5450014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts [Please Click Here](#)

MAINTENANCE ROOMS

Hygienic Solutions MMA Pigmented System

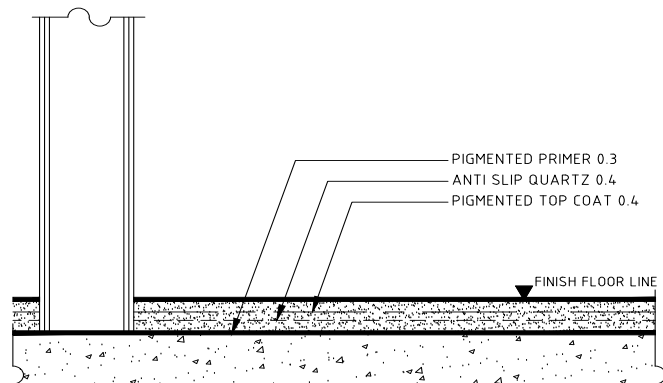
8 9 G7 F -DH-C B

Hygienic Solutions MMA pigmented sealer coat is a 100% solids MMA resin which cures and dries in 15 minutes per layer. Can be clear or pigmented to any RAL colour. Hygienic Solutions Pigmented sealer coat system can be a one coat or two coat system, depending on use of floor/stairs, and is applied at 300 microns per layer. Can be applied smooth or with anti-slip to suit any slip resistance from R9-R13. Can be used in areas Where a cost solution resin is required.

BENEFITS OF THE SYSTEM

- 100% Seamless
- Different slip resistance achieved from R9-R13
- Takes Thermal Shock
- Takes Thermal Co-efficient expansion
- Bonds directly to stainless steel drains
- Naturally hygienic
- No sealants required around drains and gullies
- No shut down of operational areas required because of the fast cure and fast drying
- 100% Waterproof
- Any RAL Colour available
- UV Stable
- Flexible
- Ideal for high temperatures over 100°C
- Change the slip resistance without bays, joints and sealants.
- Guaranteed including application

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	ASTM D638	30N/ mm2
Compressive Strength	DIN EN ISO 604	12 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	920 MPa
Impact Strength	EN ISO 6272	4 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R11 to R13 and V6 to V10
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26050 U 08 the coating system is physiologically safe, suitable for food processing companies.



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Pigmented System Hygienic Solutions MMA Pigmented Primer (Colour to be confirmed)
Hygienic Solutions MMA Pigmented Topcoat (Colour to be confirmed)
- 3 year Guarantee by Manufacturer including application
- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- No Isocyanate's as they cause Asthma/possible cancer in the system
- Can be applied smooth or Anti-slip

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

MECHANICAL ROOMS

Hygienic Solutions MMA Pigmented System

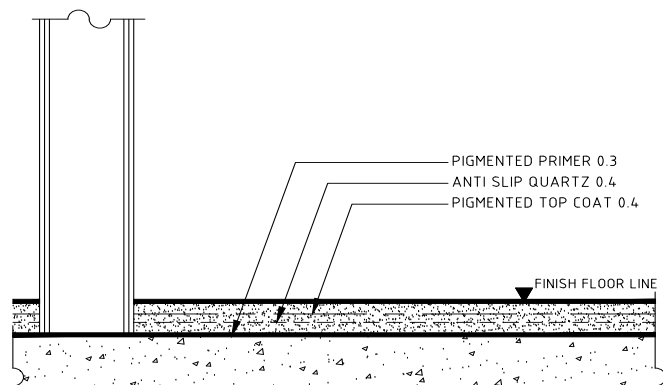
8 9 G7 F -DH-C B

Hygienic Solutions MMA pigmented sealer coat is a 100% solids MMA resin which cures and dries in 15 minutes per layer. Can be clear or pigmented to any RAL colour. Hygienic Solutions Pigmented sealer coat system can be a one coat or two coat system, depending on use of floor/stairs, and is applied at 300 microns per layer. Can be applied smooth or with anti-slip to suit any slip resistance from R9-R13. Can be used in areas Where a cost solution resin is required.

BENEFITS OF THE SYSTEM

- 100% Seamless
- Different slip resistance achieved from R9-R13
- Takes Thermal Shock
- Takes Thermal Co-efficient expansion
- Bonds directly to stainless steel drains
- Naturally hygienic
- No sealants required around drains and gullies
- No shut down of operational areas required because of the fast cure and fast drying
- 100% Waterproof
- Any RAL Colour available
- UV Stable
- Flexible
- Ideal for high temperatures over 100°C
- Change the slip resistance without bays, joints and sealants.
- Guaranteed including application

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	ASTM D638	30N/ mm2
Compressive Strength	DIN EN ISO 604	12 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	920 MPa
Impact Strength	EN ISO 6272	4 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R11 to R13 and V6 to V10
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26050 U 08 the coating system is physiologically safe, suitable for food processing companies.



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Pigmented System Hygienic Solutions MMA Pigmented Primer (Colour to be confirmed)
Hygienic Solutions MMA Pigmented Topcoat (Colour to be confirmed)
- 3 year Guarantee by Manufacturer including application
- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- No Isocyanate's as they cause Asthma/possible cancer in the system
- Can be applied smooth or Anti-slip

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

OFFICE AREAS

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

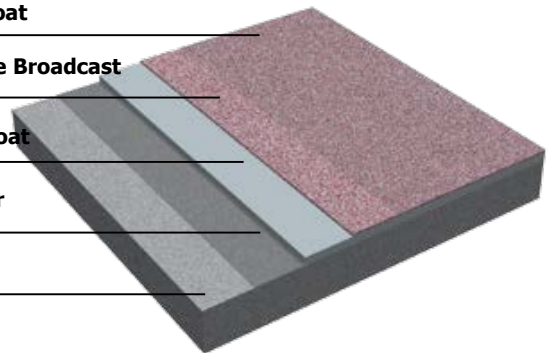
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

PANTRY

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

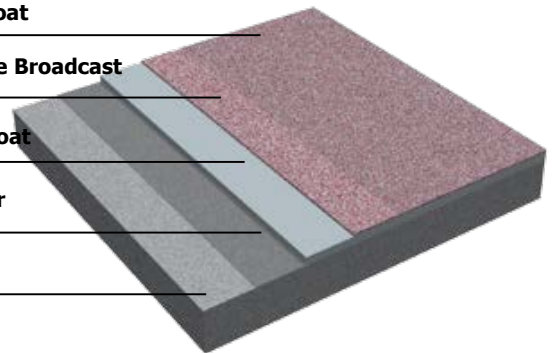
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

PATIENT WARDS

Hygienic Solutions MMA Liquid Vinyl System

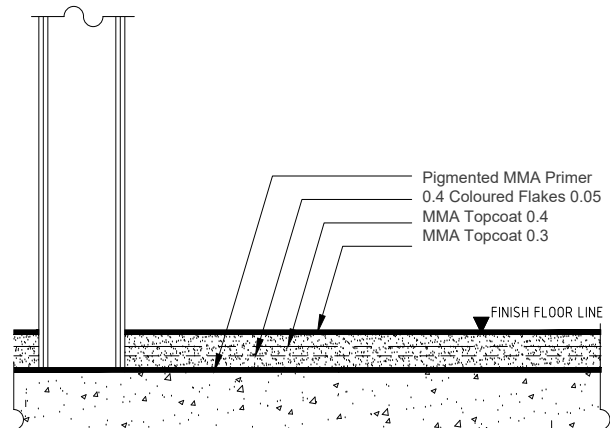
DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. Hygienic Solutions MMA resin can be applied to both walls and floor to create a full hygienic room or area. The special coloured flakes create aesthetically pleasing floors; that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options. It can also be used with pure pigmented colours; creating a solid look, all RAL Colours are available.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No shut down of operational areas required, ideal for busy areas like schools, factories and airports
- Waterproof
- No Fading Colour
- Flexible
- Available in all RAL colours (please see the HS RAL colour chart)
- Change the slip resistance without bays, joints and sealants.
- 3 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	6 MPa
Compressive Strength	DIN EN ISO 604	12 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	920 MPa
Impact Strength	EN ISO 6272	4 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R11 to R13 and V6 to V10
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26050 U 08 the coating system is physiologically safe, suitable for food processing companies.



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Liquid Vinyl System Hygienic Solutions MMA Pigmented Primer
Small Broadcast of Coloured Flakes 0.05 kg
(Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 3 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

PLANT ROOMS

Hygienic Solutions MMA Pigmented System

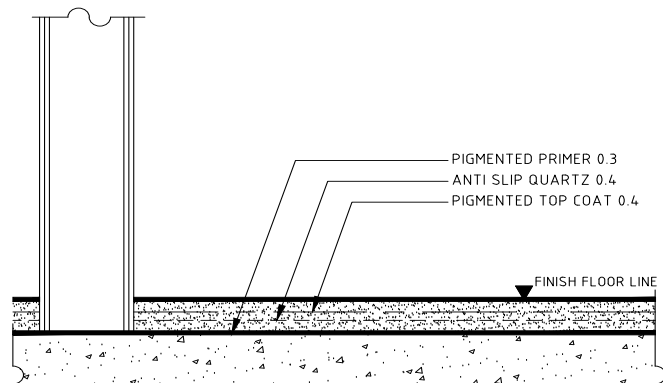
8 9 G7 F -DH-C B

Hygienic Solutions MMA pigmented sealer coat is a 100% solids MMA resin which cures and dries in 15 minutes per layer. Can be clear or pigmented to any RAL colour. Hygienic Solutions Pigmented sealer coat system can be a one coat or two coat system, depending on use of floor/stairs, and is applied at 300 microns per layer. Can be applied smooth or with anti-slip to suit any slip resistance from R9-R13. Can be used in areas Where a cost solution resin is required.

BENEFITS OF THE SYSTEM

- 100% Seamless
- Different slip resistance achieved from R9-R13
- Takes Thermal Shock
- Takes Thermal Co-efficient expansion
- Bonds directly to stainless steel drains
- Naturally hygienic
- No sealants required around drains and gullies
- No shut down of operational areas required because of the fast cure and fast drying
- 100% Waterproof
- Any RAL Colour available
- UV Stable
- Flexible
- Ideal for high temperatures over 100°C
- Change the slip resistance without bays, joints and sealants.
- Guaranteed including application

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	ASTM D638	30N/ mm2
Compressive Strength	DIN EN ISO 604	12 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	920 MPa
Impact Strength	EN ISO 6272	4 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R11 to R13 and V6 to V10
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26050 U 08 the coating system is physiologically safe, suitable for food processing companies.



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Pigmented System Hygienic Solutions MMA Pigmented Primer (Colour to be confirmed)
Hygienic Solutions MMA Pigmented Topcoat (Colour to be confirmed)
- 3 year Guarantee by Manufacturer including application
- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- No Isocyanate's as they cause Asthma/possible cancer in the system
- Can be applied smooth or Anti-slip

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

PRODUCTION AREAS

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

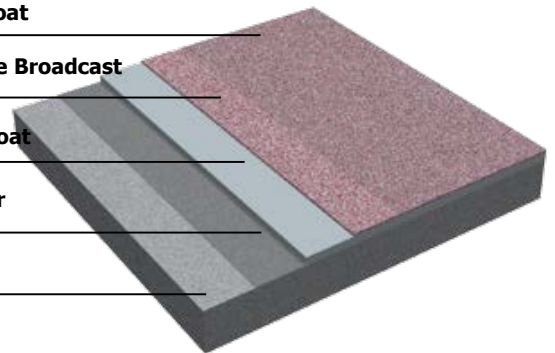
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

RECEPTION AREAS - OPTION 1

Hygienic Solutions ECO Floor

PRODUCT FEATURES

Hygienic Solutions Eco industrial flooring system is made from an ECO binder technology, which has no VOC's, no isocyanates, no diisocyanates or any other harmful products that are harmful to the planet or man. The product is naturally white in colour and can be pigmented to any RAL colour or printed on with a stencil for patterns and pictures for a decorative flooring system.

BENEFITS OF THE SYSTEM

- Self-levelling
- Ideal as a floor finish and self-level screed
- Fast curing and drying 4 hours
- High abrasion resistance
- 100% mineral with no chemicals
- High resistance to chemicals and salt water
- High flowability to self-level
- Seamless no joints
- High compressive strength
- High flexural strength
- Pigmented to any RAL colour
- Made from Green field waste
- No Cement which is harmful to the environment

TECHNICAL PROPERTIES		
PROPERTIES	TEST STANDARDS	TYPICAL VALUES
Strength Class	DIN EN 13813	CT-C40-F7
Mixing Ratios to Water		6.51 Clean Water to 25kg Powder
Application Thickness		2mm - 30mm Thickness
Walkability		After 4 Hours
Light Loads		1 Day
Fully Loadable		4 Days
Processing Temperature		Min +5° C / Max 35° C
Compressive Strength		40N/mm2
Flexural Strength		7.5N/mm2
Elastic Modulus		10.2KN/mm2
Abrasion Resistance	BCA	AR 0,5
Processing time @ 20° C		60 Minutes
Bulk Density		1.1 KG/dm3
Fresh Mortar Density		2.0 KG/dm3

SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com

- System - Hygienic Solutions Eco Floor

Hygienic Solutions MMA Primer

Mix 1 bag of Hygienic Solutions ECO Floor with Clean Water

Pour over primed floor (colour to be confirmed)

(product is self-levelling to SR1 flatness 3mm-100mm thickness)

Hygienic Solutions Top Coats until fully sealed

- 5 year Guarantee by Manufacturer including application

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- No Cement in the system
- No Resin in the main coat
- 3mm-100mm (thickness to be confirmed)
- No Isocyanate's as they cause Asthma/possible cancer in the system

RECEPTION AREAS - OPTION 2

Hygienic Solutions ECO Terrazzo Floor

PRODUCT FEATURES

Hygienic Solutions Seamless Terrazzo is an Eco-friendly matrix material made from waste from Steel foundries, the product has no resin and no cement, this makes the system inert, non-shrink, non-crack unlike resin and cement-based products.

Made with different types of silica our secret formulation allows our seamless Terrazzo to dry and fully cure in less than 4 hours depending on ambient temperatures. Self-levelling allows us to apply at lower thicknesses which means less diamond grinding with the same wear resistance you would expect from a Terrazzo Floor.

BENEFITS OF THE SYSTEM

- Self-Levelling
- Non-Shrink
- Non-Crack
- Easy to Apply
- Any RAL Colour matrix
- Thin System 5mm Grinded Down to 4mm
- No Cement
- No Resin
- 100% Seamless
- Range of Aggregates Available to Suit any Design
- High Wear-ability
- Fully Guaranteed Including Application

TECHNICAL PROPERTIES

PROPERTY	STANDARD TEST METHOD	RESULT
Strength Class	DIN EN 13813	CT-C40-F7
Application Thickness		Applied at 5mm, grind down to 4mm to expose the aggregates
Processing Temperature		Min +5°C / Max 35° C
Walkability		After 4 Hours
Light Loads		1 Day
Fully Loadable		4 Days
Mixing Ratios to Water		6.5L Clean Water to 25kg Powder
Compressive Strength		40N/mm ²
Flexural Strength		7.5N/mm ²
Elastic Modulus		10.2KN/mm ²
Abrasion Resistance	BCA	AR 0,5
Processing time @ 20° C		60 Minutes
Bulk Density		1.1 KG/dm ³
Fresh Mortar Density		2.0 KG/dm ³

SPECIFICATION GUIDELINE

Manufacturer- Hygienic Solutions MMA Resins

Telephone: [+971 58 545 0014](tel:+971585450014)

Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com

System - Hygienic Solutions Eco Terrazzo Floor

- Hygienic Solutions MMA Primer

- Mix 1 bag of Hygienic Solutions ECO Floor with Clean Water and Terrazzo aggregate

- Pour over primed floor (colour and thickness to be confirmed)

- (product is self-levelling to SR1 flatness 3mm-100mm thickness)Á

- Hygienic Solutions Top Coats until fully seale

10 year Guarantee by Manufacturer including application

Specifications are available in either CSI or NBS format. To receive a specification please contact

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Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour chartsÁ

[Please Click Here](#)

Hygienic Solutions Head Office

KIZAD, Abu Dhabi, PO Box 126886

Email: info@HygienicMMAResins.com, John@HygienicMMAResins.com

Phone: +971 2 884 5673 +971 58 126 9560

www.HygienicMMAResins.com

SECURITY ROOMS

Hygienic Solutions MMA Liquid Vinyl System

DESCRIPTION

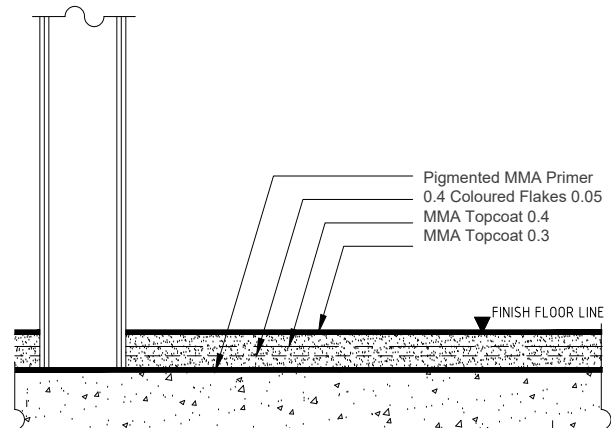
Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. Hygienic Solutions MMA resin can be applied to both walls and floor to create a full hygienic room or area. The special coloured flakes create aesthetically pleasing floors; that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options. It can also be used with pure pigmented colours; creating a solid look, all RAL Colours are available.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No shut down of operational areas required, ideal for busy areas like schools, factories and airports
- Waterproof
- No Fading Colour
- Flexible
- Available in all RAL colours (please see the HS RAL colour chart)
- Change the slip resistance without bays, joints and sealants.
- 3 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES

PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	6 MPa
Compressive Strength	DIN EN ISO 604	12 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	920 MPa
Impact Strength	EN ISO 6272	4 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R11 to R13 and V6 to V10
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26050 U 08 the coating system is physiologically safe, suitable for food processing companies.



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Liquid Vinyl System Hygienic Solutions MMA Pigmented Primer
Small Broadcast of Coloured Flakes 0.05 kg
(Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 3 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

Hygienic Solutions Head Office

KIZAD, Abu Dhabi, PO Box 126886

Email: info@HygienicMMAresins.com, John@HygienicMMAresins.com

Phone: +971 2 884 5673 +971 58 126 9560

www.HygienicMMAresins.com

STAFF KITCHEN

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

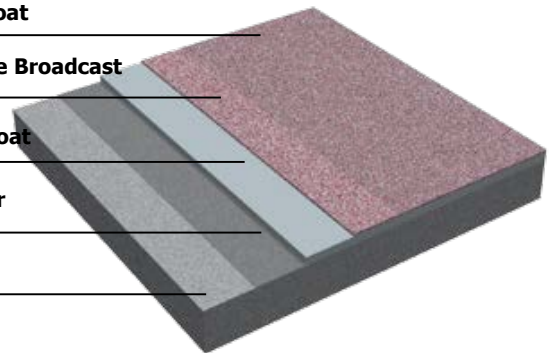
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

STAIRCASES

Hygienic Solutions MMA Pigmented System

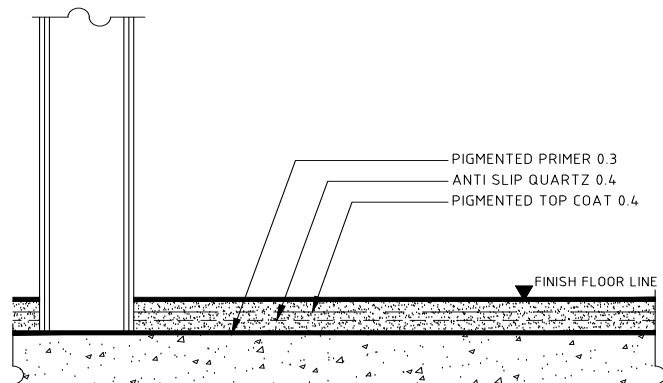
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Hygienic Solutions MMA pigmented sealer coat is a 100% solids MMA resin which cures and dries in 15 minutes per layer. Can be clear or pigmented to any RAL colour. Hygienic Solutions Pigmented sealer coat system can be a one coat or two coat system, depending on use of floor/stairs, and is applied at 300 microns per layer. Can be applied smooth or with anti-slip to suit any slip resistance from R9-R13. Can be used in areas Where a cost solution resin is required.

BENEFITS OF THE SYSTEM

- 100% Seamless
- Different slip resistance achieved from R9-R13
- Takes Thermal Shock
- Takes Thermal Co-efficient expansion
- Bonds directly to stainless steel drains
- Naturally hygienic
- No sealants required around drains and gullies
- No shut down of operational areas required because of the fast cure and fast drying
- 100% Waterproof
- Any RAL Colour available
- UV Stable
- Flexible
- Ideal for high temperatures over 100°C
- Change the slip resistance without bays, joints and sealants.
- Guaranteed including application

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	ASTM D638	30N/ mm2
Compressive Strength	DIN EN ISO 604	12 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	920 MPa
Impact Strength	EN ISO 6272	4 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R11 to R13 and V6 to V10
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26050 U 08 the coating system is physiologically safe, suitable for food processing companies.



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Pigmented System Hygienic Solutions MMA Pigmented Primer (Colour to be confirmed)
Hygienic Solutions MMA Pigmented Topcoat (Colour to be confirmed)
- 3 year Guarantee by Manufacturer including application
- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- No Isocyanate's as they cause Asthma/possible cancer in the system
- Can be applied smooth or Anti-slip

Specifications are available in either CSI or NBS format. To receive a specification please contact

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Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

STORE ROOMS WET/DRY

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

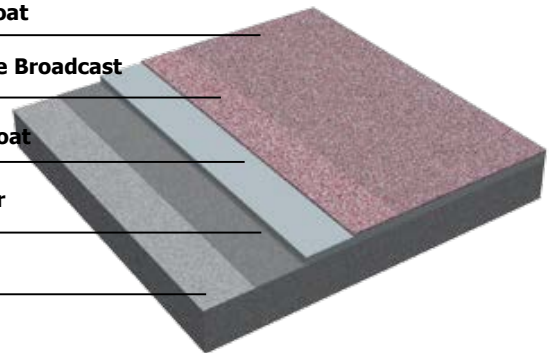
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

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Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

THEATRE/SURGERY ROOMS - OPTION 1

Hygienic Solutions MMA Coloured Flake System

DESCRIPTION

Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. The special coloured flakes create aesthetically pleasing floors that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options to suit any project environment.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Kitchens, factories, airports.
- Waterproof
- No Fading Colour
- Flexible
- Ideal for high temperatures over 100°C
- Ideal for chillers low temperatures -35°C
- Change the slip resistance without bays, joints and sealants. (R9-R13)
- 5 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9 to R11
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

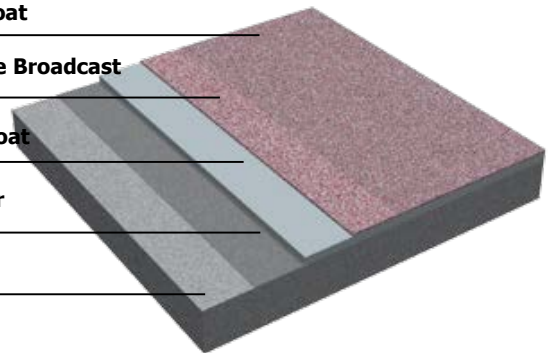
MMA Top Coat

Colour Flake Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Coloured Flake System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat
Full Broadcast of Coloured Flakes (Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 5 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

THEATRE/SUGERY ROOMS - OPTION 2

Hygienic Solutions ECO Terrazzo Floor

PRODUCT FEATURES

Hygienic Solutions Seamless Terrazzo is an Eco-friendly matrix material made from waste from Steel foundries, the product has no resin and no cement, this makes the system inert, non-shrink, non-crack unlike resin and cement-based products.

Made with different types of silica our secret formulation allows our seamless Terrazzo to dry and fully cure in less than 4 hours depending on ambient temperatures. Self-levelling allows us to apply at lower thicknesses which means less diamond grinding with the same wear resistance you would expect from a Terrazzo Floor.

BENEFITS OF THE SYSTEM

- Self-Levelling
- Non-Shrink
- Non-Crack
- Easy to Apply
- Any RAL Colour matrix
- Thin System 5mm Grinded Down to 4mm
- No Cement
- No Resin
- 100% Seamless
- Range of Aggregates Available to Suit any Design
- High Wear-ability
- Fully Guaranteed Including Application

TECHNICAL PROPERTIES

PROPERTY	STANDARD TEST METHOD	RESULT
Strength Class	DIN EN 13813	CT-C40-F7
Application Thickness		Applied at 5mm, grind down to 4mm to expose the aggregates
Processing Temperature		Min +5° C / Max 35° C
Walkability		After 4 Hours
Light Loads		1 Day
Fully Loadable		4 Days
Mixing Ratios to Water		6.5L Clean Water to 25kg Powder
Compressive Strength		40N/mm ²
Flexural Strength		7.5N/mm ²
Elastic Modulus		10.2KN/mm ²
Abrasion Resistance	BCA	AR 0,5
Processing time @ 20° C		60 Minutes
Bulk Density		1.1 KG/dm ³
Fresh Mortar Density		2.0 KG/dm ³

SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions Eco Terrazzo Floor
 - Hygienic Solutions MMA Primer
 - Mix 1 bag of Hygienic Solutions ECO Floor with Clean Water and Terrazoo aggregate
 - Pour over primed floor (colour and thickness to be confirmed)
 - (product is self-levelling to SR1 flatness 3mm-100mm thickness)Á
 - Hygienic Solutions Top Coats until fully seale
- 10 year Guarantee by Manufacturer including application
- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- No Cement in the system
- No Resin in the main coat
- 3mm-100mm (thickness to be confirmed)
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

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Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour chartsÁ

[Please Click Here](#)

TOILETS

Hygienic Solutions MMA Liquid Vinyl System

DESCRIPTION

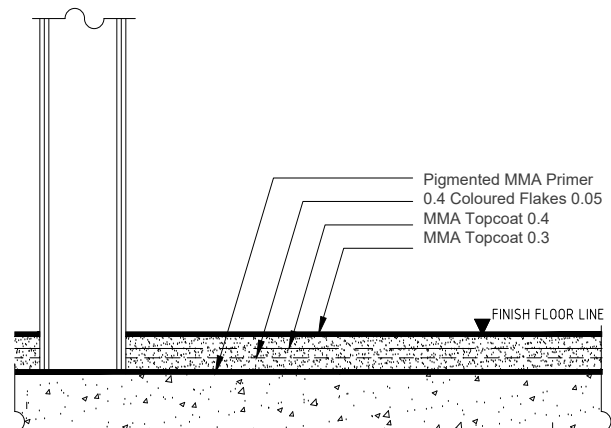
Hygienic Solutions MMA resin is very hardwearing, durable, flexible, hygienic and 100% seamless to comply with municipality approval. Hygienic Solutions MMA resin can be applied to both walls and floor to create a full hygienic room or area. The special coloured flakes create aesthetically pleasing floors; that are very hard wearing. There are over 160 standard colours and various mixes of the standard colours available, creating thousands of colour options. It can also be used with pure pigmented colours; creating a solid look, all RAL Colours are available.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless (no sealants which fail very quickly)
- Naturally Hygienic Kills bacteria (see test results)
- No Sealants Required around drains and gullies
- No shut down of operational areas required, ideal for busy areas like schools, factories and airports
- Waterproof
- No Fading Colour
- Flexible
- Available in all RAL colours (please see the HS RAL colour chart)
- Change the slip resistance without bays, joints and sealants.
- 3 year guarantee including the application (not a back to back guarantee)

TECHNICAL PROPERTIES

PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	6 MPa
Compressive Strength	DIN EN ISO 604	12 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	920 MPa
Impact Strength	EN ISO 6272	4 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R11 to R13 and V6 to V10
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26050 U 08 the coating system is physiologically safe, suitable for food processing companies.



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAresins.com,
info@HygienicMMAresins.com
- System - Hygienic Solutions MMA Liquid Vinyl System Hygienic Solutions MMA Pigmented Primer
Small Broadcast of Coloured Flakes 0.05 kg
(Colour to be confirmed)
Hygienic Solutions MMA Topcoat to be able to achieve from R10 slip resistance
- 3 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAresins.com or info@HygienicMMAresins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

Hygienic Solutions Head Office

KIZAD, Abu Dhabi, PO Box 126886

Email: info@HygienicMMAresins.com, John@HygienicMMAresins.com

Phone: +971 2 884 5673 +971 58 126 9560

www.HygienicMMAresins.com

WAITING ROOMS

Hygienic Solutions ECO Floor

PRODUCT FEATURES

Hygienic Solutions Eco industrial flooring system is made from an ECO binder technology, which has no VOC's, no isocyanates, no diisocyanates or any other harmful products that are harmful to the planet or man. The product is naturally white in colour and can be pigmented to any RAL colour or printed on with a stencil for patterns and pictures for a decorative flooring system.

BENEFITS OF THE SYSTEM

- Self-levelling
- Ideal as a floor finish and self-level screed
- Fast curing and drying 4 hours
- High abrasion resistance
- 100% mineral with no chemicals
- High resistance to chemicals and salt water
- High flowability to self-level
- Seamless no joints
- High compressive strength
- High flexural strength
- Pigmented to any RAL colour
- Made from Green field waste
- No Cement which is harmful to the environment

TECHNICAL PROPERTIES		
PROPERTIES	TEST STANDARDS	TYPICAL VALUES
Strength Class	DIN EN 13813	CT-C40-F7
Mixing Ratios to Water		6.51 Clean Water to 25kg Powder
Application Thickness		2mm - 30mm Thickness
Walkability		After 4 Hours
Light Loads		1 Day
Fully Loadable		4 Days
Processing Temperature		Min +5° C / Max 35° C
Compressive Strength		40N/mm2
Flexural Strength		7.5N/mm2
Elastic Modulus		10.2KN/mm2
Abrasion Resistance	BCA	AR 0,5
Processing time @ 20° C		60 Minutes
Bulk Density		1.1 KG/dm3
Fresh Mortar Density		2.0 KG/dm3

SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
 - System - Hygienic Solutions Eco Floor
Hygienic Solutions MMA Primer
Mix 1 bag of Hygienic Solutions ECO Floor with Clean Water
Pour over primed floor (colour to be confirmed)
(product is self-levelling to SR1 flatness 3mm-100mm thickness)
Hygienic Solutions Top Coats until fully sealed
 - 5 year Guarantee by Manufacturer including application
Specifications are available in either CSI or NBS format. To receive a specification please contact
Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com
 - No VOC's in the system
 - 100% seamless, no sealants in the system
 - Independently tested Anti-bacterial certificate
 - HACCP approved
 - No Cement in the system
 - No Resin in the main coat
 - 3mm-100mm (thickness to be confirmed)
 - No Isocyanate's as they cause Asthma/possible cancer in the system
- Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts
[Please Click Here](#)

WALLS- ANTI-BACTERIAL COATING

Hygienic Solutions Naturally Anti-Bacterial Wall Coating

DESCRIPTION

Hygienic Solutions Naturally Anti-bacterial wall coating is durable, flexible, hygienic and 100% seamless to comply with municipality approval. Hygienic Solutions MMA resin can be applied to walls as well as the floors to give a full hygienic room or area. The special coloured pigment creates aesthetically pleasing walls which are very hard wearing. There are over 160 standard RAL colours to choose from.

TYPICAL USES

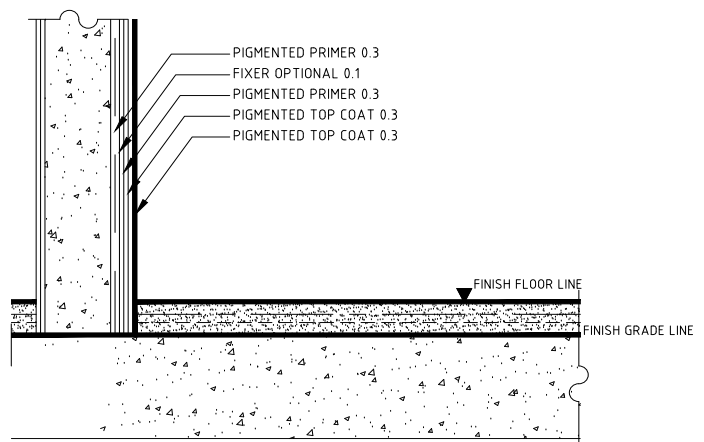
Perfect for walls that need to be hygienic, seamless, easy to clean and provide a high impact long-lasting finish for years to come. Perfect for:

- Kitchens
- Schools
- Hospitals
- Clinics
- Food factories
- Surgeries and dental rooms

BENEFITS OF NATURALLY ANTI-BACTERIAL WALL COATING

- Fast Drying
- Fast Curing
- Better Open Time
- Not Dependant on Temperature for Curing
- Short Working Time Between Coats
- Smooth Finish
- Any RAL Colour

TECHNICAL PROPERTIES		
PROPERTY	VALUE	COMMENTS
Density	1.34 g/cm ³	At 20°C and 50% relative Humidity
Viscosity	Approx 900 mPas	
Application Time	Approx 120 Minutes	
Resistant to Foot Traffic After	2-4 Hours	Depending on layer thickness and temperature /rel. humidity
Time After Full Resistance	48 Hours	At 20°C and 50% relative Humidity
Application Conditions	>2°C; <35°C	<10 um
Coverage	Approx 150-250 g/m ²	Each Layer as rolled Coating
	Approx 400 g/m ²	As top Coat



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions Naturally Anti-bacterial Wall Coating
Hygienic Solutions MMA Pigmented Primer (Colour to be confirmed)
Hygienic Solutions MMA Pigmented Topcoat (Colour to be confirmed)
- 3 year Guarantee by Manufacturer including application
- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- No Isocyanate's as they cause Asthma/possible cancer in the system
- High Temperature 100°C

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 545 0014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts

[Please Click Here](#)

WASH DOWN AREA

Hygienic Solutions MMA Coloured Quartz System

DESCRIPTION

Hygienic Solutions MMA resin is a hardwearing, durable, flexible, seamless hygienic flooring system that can be used on floors creating a complete hygienic, seamless room.

A layered MMA resin system comprising of Primer, Body Coat, Coloured Quartz and Top coat to suit slip resistance from R9-R13. The system is 100% seamless with no use of sealants around drains & gullies, the weakest part of a floor and 100% seamless coving.

BENEFITS OF THE SYSTEM

- Fully dries and cures in 1 hour – no shut downs. Can also work at night whilst kitchens are shut.
- Flexible – up to 35%, fully flexible and waterproof, creating a complete hygienic floor finish
- Can be applied with different slip resistance from R9-R13 without bays
- 100% seamless, no sealants required
- Bonds to stainless steel No need for sealants – Sealants start to break down, causing water penetration, smells and bacterial breeding
- Colour in the quartz does not fade, even after 10 years as the colour is in the quartz with no pigment used.
- No Joints between coving and floor, providing a completely seamless system
- Top coat exceeds temperatures at 100 degrees. It has also been fully tested by being submerged at 80 degrees.
- Application guaranteed – Product and application guaranteed for 10 years.

TECHNICAL PROPERTIES

PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	18 MPa
Compressive Strength	DIN EN ISO 604	48 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	2120 MPa
Tensile Bond Strength on Concrete	DIN ISO 4624 ZTV-SIB	3.4 MPa
Impact Strength	EN ISO 6272	8 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R9/V-.-
Fire Rating	PrEN ISO 11925.2 Exposure=15s	Fs ≤150 mm within 20s
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26049 U 08 the coating system is physiologically safe, suitable for food processing companies.

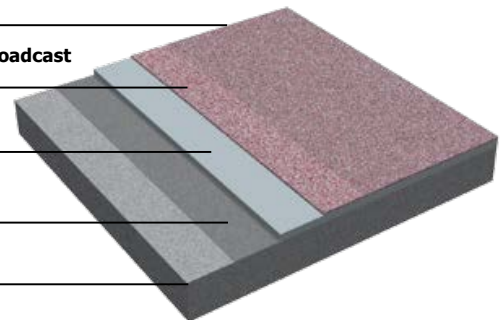
MMA Top Coat

Colour Quartz Broadcast

MMA Bodycoat

MMA Primer

Substrate



SPECIFICATION GUIDELINE

- Manufacturer- Hygienic Solutions MMA Resins
Telephone: [+971 58 545 0014](tel:+971585450014)
Email: Luke@HygienicMMAResins.com,
info@HygienicMMAResins.com
- System - Hygienic Solutions MMA Coloured Quartz System
Hygienic Solutions MMA Primer
Hygienic Solutions MMA Bodycoat with full broadcast of Coloured Quartz (Colour to be confirmed) x2
Hygienic Solutions MMA Topcoat to be able to achieve R9-R13 slip resistance
- 10 year Guarantee by Manufacturer including application

- No VOC's in the system
- 100% seamless, no sealants in the system
- Independently tested Anti-bacterial certificate
- HACCP approved
- Halal Approved
- Steam Cleanable
- High Temperature 100°C
- No Isocyanate's as they cause Asthma/possible cancer in the system

Specifications are available in either CSI or NBS format. To receive a specification please contact

Luke Bowry - Telephone: [+971 58 5450014](tel:+971585450014) Email: Luke@HygienicMMAResins.com or info@HygienicMMAResins.com

Alternatively please follow the below link for System specifications, System sheets, Technical data sheets & Colour charts [Please Click Here](#)