

# MMA COLOUR 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 (as shown in the photo, right)

## WHERE TO USE

- Hotel Kitchens
- School Canteens
- Hospital Eateries
- Restaurants
- Cafes
- Food Court Kitchens
- Fast Food Restaurants
- Food Preparation Areas
- Airports
- Shopping Malls
- Freezer Rooms
- Chiller Rooms

## 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. There are also no sealants around the drain, which breaks down in a short time
- 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.

## PHYSICAL DATA

Colour	Clear with Bluish tint
Components	Resin plus MMA powder Reactor
Recommended	4 mm
Thickness System Layers	7 (dependent on required slip resistance)
VOC's	NONE

## APPLICATION DATA

Applied over Concrete, screed, ceramic tiles, metal, marble, wood, old resin, quarry tiles.

Method	Brush, Roller, Squeegee
Pot Life	7-15 minutes
Min Re-coat	20-30 minutes
Max Re-coat	NONE (even after 100 years)
Full Cure Time	60 minutes

## HEALTH AND SAFETY

- Always use appropriate PPE including gloves, goggles and a barrier cream to avoid contact with skin and eyes
- Should contact with skin or eyes occur, wash immediately with plenty of clean water
- Ensure adequate ventilation or suitable respiratory equipment face mask if working in confined spaces
- Do not expose products to fire or naked flame



## 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.

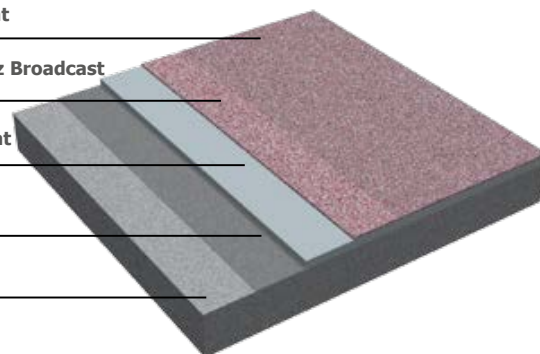
## MMA Top Coat

## Colour Quartz Broadcast

## MMA Bodycoat

## MMA Primer

## Substrate



## STORAGE

Keep out of direct sunlight, preferably in a cool dark room.

Please refer to the MSDS sheets for further information.

## UAE OFFICE

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