

MMA TRAFFIC DECK SYSTEM



TRAFFIC DECK SYSTEMS 1.0MM – 4.0MM THICKNESS

DESCRIPTION

Plexicoat MMA resin is a very hardwearing, UV resistant, durable and flexible system. It is ideal for structure movement, which occurs when vehicles drive on and off a structure, yet has a very high chemical resistance against petrol, oil, diesel, salt, water, chemicals and detergents. It is ideal for protecting concrete structures from attack and is also aesthetically pleasing in many RAL colors available.

WHERE TO USE

Top decks, intermediate decks, ground floors of car parks, garages, outside garages, shopping malls, airports, lorry parks, ramps, turning points, vehicle showrooms, and loading bays. It is suitable for use of anywhere that is subject to heavy vehicle traffic.

Various system build-ups are available to suit your project, please consult your local technical salesman.

BENEFITS OF THE SYSTEM

- Dries and Cures in less than 1 hour
- 100% Seamless
- No Sealants Required around drains and gullies
- No Shut Downs in the future ideal for busy areas like Hotel Car Parks, Airports, Shopping Malls, (repairs or refurbishment cures in less than 1 hour)
- Waterproof
- No Fading Color
- Flexible
- Ideal for cold temperature application as low as -20°F
- Adjust the slip resistance depending on area of application

TECHNICAL PROPERTIES		
PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	ASTM D638	1,050 psi (7.4)
Compressive Strength	ASTM D695	6,000 – 8,000 psi
Elongation at Break	ASTM D638	4%
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.

APPLICATION GUIDE

Can be applied over the following substrates

- Concrete
- Screeds including self-level screeds
- Metal, Steel
- Old Failed Resins (Epoxy, Polyurethanes)

Method of application:	Rubber Squeegee, Rollers, Trowel
Pot Life:	7-15 minutes
Min Re-Coat:	20-30 minutes
Max Re-Coat:	NONE
Fully Dried and Cured:	1 hour (60 minutes)

HEALTH & SAFETY

- Always wear appropriate PPE including Gloves, Goggles, Safety Boots, Hard Hat, Reflective Vest and Barrier cream to avoid contact with the skin
- Ensure adequate ventilation or suitable respiratory equipment, use face masks if working in confined spaces
- NO VOC'S or Isocyanates are in our systems and are non-harmful to Aquatic Life
- Do Not Expose to Naked Flames or Fire during application

Please refer to the MSDS sheets for further information.

COATING SCHEDULE

- Primer shall be Plexicoat MMA Primer application rate shall be approximately 100 sq.ft. per gallon.
- Bodycoat shall be Plexicoat MMA Flexible Bodycoat, Pigments and Fillers applied at a rate of 50 - 70 sq. ft. per batch with broadcast of quartz aggregate to rejection.
- Pigmented topcoat shall be Plexicoat MMA Topcoat; flood coat at the rate of 80 sq. ft. per gallon.
- Optional second pigmented topcoat shall be 135 sq.ft. per gallon. If desired, broadcast of aluminum oxide for additional skid resistance.

Nominal thickness 50 - 80 mils