



Euro Polymers (GB) Ltd.

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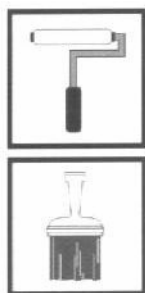
Product Profile

EUROGARD™

UV Stable, Rapid curing, Traffic Membrane

*EUROGARD™ IS A
LIQUID APPLIED TWO
COMPONENT, RAPID
CURING, UV STABLE
SLIP RESISTANT
SURFACE COATING WITH
ADVANCED RESINS
TECHNOLOGY*

*Eurogard™ is supplied in a
range of vibrant colours to
provide a highly visible slip
resistant demarcation system. It
is an ideal coating for a wide
variety of trafficked and
pedestrian areas.*



1. Applications

- Parking Bays
- Balconies
- Walkways
- Retail Car Parks
- Cycle Routes
- Flat Roofing
- Refurbishment of mastic asphalt

2. Benefits

- Speedy application through reduced layers required
- Rapid cure even at low temperatures.
- Cold applied, **no heating** required.
- Durable slip resistant surface.
- Excellent bond to concrete, steel, asphalt and thermoplastics.
- UV Stable.
- Trafficable in under one hour.
- Seamless application – Conforms easily to complex details and profiles.
- Excellent Abrasion and chemical resistance
- Available in a range of 98 colours.

3. Design Data

Eurogard™ coating is a coloured liquid resin binder that incorporates fine aggregates to provide a slip resistant finish. The system shall be seamless when applied and the pigmentation shall be UV resistant to avoid premature fading of the colour.

Eurogard™ has good resistance to wear and shall be capable of being maintained or over coated in the future, without removal of existing layers.

Eurogard™ is resistant to De-icing salts and spillages of Petrol, Oil, Battery acid and anti-freeze.

Slip resistance is achieved by rolling the surface to produce a textured finish. The aggregates within the system, combined with the textured finish, provide the slip resistant surface.



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4. Typical Physical and Performance Properties

Density BS6139	1.85g/cm ³
Tensile Adhesion BS EN 24624:1993	
Concrete Substrate	> 1.0MPa
Steel Substrate	> 2.0MPa
Asphalt Substrate	> 0.5MPa
Skid Resistance Value TRL Pendulum	60 minimum
Wheel Tracking Test HD28/94	Zero Erosion
Low Temperature Flexibility ASTM c836 at 10° C	No Visible Cracks
Crack Accommodation BS 8110 Part 2 :1985	Pass
Application Temperature Range	0 to 30° C
Typical Working Time	
30° C	8 minutes
20° C	12 minutes
15° C	15 minutes
10° C	20 minutes
0° C	25 minutes
Drive On Time	
30° C	20 minutes
20° C	40 minutes
15° C	45 minutes
10° C	50 minutes
0° C	60 minutes



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5. Installation

Substrates Preparation

- **All Substrates** must be clean, dry and structurally sound. They must be free from oil, grease, curing compounds, de-icing salts, loose particles, moss, algae growth, laitance, friable mater, dirt, frost and all other contaminants.
- **Concrete.** All Concrete decks must be prepared by suitable mechanical means. New concrete decks should be a minimum 28 days old.
- **Asphalt.** Fresh macadam, cold or hand applied asphalt must be at least 28 days old before Eurogard™ is applied. A hot compressed air lance can be used for the removal of moisture, spot traces of oil and other contaminants. Severe contamination should be removed using a degreaser followed by thorough washing with a detergent / water solution.
- **Steel.** All rust, dirt and contamination should be removed to expose bright metal. Oil and grease can be removed by scouring using a water soluble degreaser. Within Three hours of shot blasting the substrate should be primed with anti corrosive steel primer to prevent the onset of rust.

Primer

No Primer is required on Asphalt substrates.

Concrete and Steel substrates must be primed using Eurobond™ Primers.

Mixing

Eurogard™ consists of a liquid pigmented resin containing hardwearing aggregates and a powder catalyst (BPO), all supplied in pre weighed quantities ready for on site mixing. The Contents of the kit should be mixed thoroughly using a mechanical stirrer. Some settlement may have occurred during transit so the stirring should continue until the mix is fully homogenised.

Application

Application may proceed while the air and substrate temperatures are between 0 and 30 °C, provided the substrate is above the dew point.

Pour the contents of the bucket in quantities appropriate to the pre-marked areas, onto the substrate and using a short pile roller, roller out the product in even, opposing directions. The application of gentle pressure to the roller is needed to ensure the binder is spread evenly.

Eurogard™ can be applied in one or two coats depending upon the application. For single coat applications Eurogard™ must be applied at a minimum thickness of 0.6mm. For heavy duty applications where two coats are required each coat must be applied to give a minimum dry film thickness of 0.5mm. Allow the first coat to dry fully prior to application of the second.

Coverage

1 Coat - 1.1Kg /Mt2 to achieve a dry film thickness of 0.6mm.

2 Coats - 0.95Kg /Mt2 per coat to achieve a dry film thickness of 1.0mm

Colours

Eurogard™ is available in a range of vibrant, aesthetically pleasing colours.

For more information or to discuss special requirements please contact Euro Polymer GB Ltd.

Cleaning

All tools and equipment should be cleaned using acetone, before the material is allowed to dry.

Packaging & Storage

Eurogard™ is supplied in 5Kg & 25kG Packs.



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6. Drawings and Detailing

Eurogard™ is used in a wide variety of applications, which makes the use of standard details inappropriate in this product profile. Consult Euro Polymers for CAD assistance.

Euro Polymers International

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