

EUROGARD™ FLEX

Rapid Curing, Durable, Waterproof Protection System

EUROGARD™ FLEX IS A FAST CURING, HIGHLY DURABLE AND FLEXIBLE ANTI SLIP WATERPROOF COATING.

The System offers a high performance, monolithic, cold applied application for both refurbishment and new build projects. With rapid curing properties Eurogard™ Flex reduces the installation time to hours instead of days. Available in five standard colours and six decorative finishes

1. APPLICATIONS

- Balconies and Walkways
- Stairs
- Parking Bays
- Railway Platforms
- Vehicle Ramps
- Pedestrian Ramps
- Driveways
- Cycle Paths

2. COST BENEFITS

- Rapid curing times. Same day return to full service.
- Excellent chemical resistance.
- Anti-slip when broadcast aggregates applied.
- Easily applied, no primer required on asphalt or tarmac.
- Hygienic and easily cleaned.
- Year round application possible.

3. GUARANTEED DURABILITY

Eurogard™ Flex is available with a range of Guarantees and Warranties, depending on the application, including the 15 year Protector Warranty and the 10 year Pioneer Guarantee. Eurogard™ Flex when applied is waterproof, UV resistant, seamless and resistant to dilute acids and alkalis, oil, petrol, diesel, vegetable oils and fruit juices.

4. TYPICAL PHYSICAL & PERFORMANCE DATA

Colour:	Produced to Order
Pot life @ 20°C:	15 minutes (once mixed)
Pot life @ 10°C:	20 minutes (once mixed)
Full System Curing:	2 hours @ 20°C (accepts pedestrian traffic)
Elongation at break:	250%
Adhesive strength to Asphalt	3N/Sq.mm (cohesive failure)
Application Temperature:	5°C to + 40°C
Service Temperature:	-30°C to + 60°C
Shelf Life:	6 Months when stored in accordance to manufactures instructions.
Chemical resistance:	Dilute Acids Alkalis, Oil, Petrol, & Diesel, Vegetable Oils Fruit Juices.

For specific advise on chemical resistance contact Euro Polymers Technical Department.



5. INSTALLATION

Substrates Preparation

- Asphalt and Tarmac surfaces must be clean, dry and free from contaminants.
- New Asphalt and Tarmac must be allowed to 'weather' for at least 28 days to ensure any excess oils are released.
- New concrete decks should be a minimum of 28 days old. When applying at ground level ensure an effective damp proof membrane has been installed below the substrate.
- Mechanical preparation is only usually necessary on concrete surfaces, however vacuum shot blasting can be employed to clean the surface of the Asphalt should this be required and will provide a better mechanical 'key' in heavy duty environments.

Primer: No Primer is required on Mastic Asphalt or Tarmac substrates.

For Concrete prime using Eurogard TM Flex Primer.

Mixing: Eurogard TM Flex Base Coat, Primers and Sealers are all supplied in two packs. BASE and CATALYST components. For all Eurogard TM Flex products, add all the pre-weighed Catalyst component to the appropriate base tin. Mix by mechanical stirring, until the catalyst is no longer visible. Do not over mix.

TM Flex Primer Application

If a primer is required apply using long haired rollers. Allow primer to cure to a tack free state for approximately 1 hour before applying any coating. The Eurogard TM Flex must be applied within 24 hours and if this is not possible the substrate must be re primed.

TM Flex Base Coat Application

Calculate the area to be covered before commencing any application, If the correct coverage's are not achieved Eurogard TM Flex Base Coat might not self level. Apply using short, smooth lambs wool rollers, at a nominal rate of 1Kg/ M² The cure time is rapid so ensure the required application standard is achieved before moving on, as there is no time available to make corrections later.

Eurogard TM Flex Aggregates

To achieve the slip resistant or skid resistant properties, broadcast the Eurogard TM Flex Aggregate on to the Eurogard TM Flex Basecoat within 10 minutes of its application.

Upstands

Detail up stands using two coats of Eurogard TM Flex Base Coat applied at a rate of 0.5Kg / M² per coat. If there is no angle fillet at the base of the upstand the first coat should be reinforced using Euro Polymers Polymat 50, 150 mm wide. Embed the Polymat 50 into the first coat at the right angle, if possible 75mm on the up-stand and 75mm on the flat. If an aggregate finish is not required on the up stands mask before application of the main area. Remove any masking tape before the Eurogard TM Flex Base Coat has time to cure. To assist in removing masking tape continue the TM Flex base coat 5-10mm above the termination of the Polymat 50.

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5. INSTALLATION Continued

Eurogard™ Flex Sealer

Allow the Eurogard™ Flex Base coat a minimum of 1 hour to cure. Sweep off excess aggregate and apply a coat of Eurogard™ Flex Sealer. In areas of heavy wear a second coat of Sealer may be applied over the whole area when the first coat is cured.

- Cleaning:** All tools and equipment should be cleaned before the material is allowed to cure. Clean using Euro Polymers Spirit Wipe No.1.
- Curing:**
- | | | |
|---------------------------|----------|--------|
| Light foot traffic: | 2 hours | @ 20°C |
| Full chemical resistance: | 24 hours | @ 20°C |
- Coverage:** Eurogard™ Flex Primer: Nominal coverage 1kg per 3-4 M² dependant on substrate.
Eurogard™ Flex Basecoat: Flat area 1kg per M². Up stands 0.5kg per M² x 2 coats.
Eurogard™ Flex Aggregates; Apply at 2-3k per M²
Use all aggregates supplied. Only Euro Polymers aggregates can be used with this system. Aggregate can be collected and used again once only. When re-using aggregate a nominal 10-20% may be recovered.
Eurogard™ Flex Sealer: Nominal coverage 0.5kg-0.6kg M²
- Colours:** Eurogard™ Flex is available in five standard colours. Due to the manufacturing process colours may vary from batch to batch.
- Storage:** Store in dry, cool conditions, preferably at temperatures between 10°C and 20°C.
- Components:** Components: Eurogard™ Flex System is supplied as;
Eurogard™ Flex Basecoat - 5kg Can & catalyst bottle.
Eurogard™ Flex Aggregate - 25kg Bag.
Eurogard™ Flex Clear/ Colour Sealer - 5kg can & catalyst bottle.
- Detailing Kit:** Eurogard™ Flex Detailing Pack - 2.5Kg packs & catalyst bottle.
- Primer:** Eurogard™ Flex Primer is supplied in 5kg can with catalyst bottle.
- Limitations:** Do not apply to damp substrates. Eurogard™ Flex will taint food during application.

Standard Colours

- Basecoat:** Available in 5 standard colours - Light, Medium and Dark Grey, Oxide Red and Black.
- Aggregate:** Available in Aluminium Oxide, Green and Red
- Sealer:** Light, Medium and Dark Grey, Oxide Red, Black and Clear.
Due to the manufacturing process colours may vary from batch to batch.

Decorative Colours

- Natural Granite, Natural Aluminium Oxide, Azul Blend (Blue),
Verdi Blend (Green) Rouge Blend (Red) Carbon Blend (Grey)

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