

# BALCONYCOTE

Rapid curing, Decorative, Slip Resistant and Protects

Data Sheet  
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**BALCONYCOTE IS A LIQUID APPLIED RESIN, TWO COMPONENT, RAPID CURING, COLOURFAST, UV STABLE, SLIP RESISTANT SURFACE COATING USING ADVANCED RESIN TECHNOLOGY.**

Balconycote is supplied in an extensive range of RAL, British Standard Colours and 5 standard colours

## 1. APPLICATIONS



- Car Parks & Parking Bays
- Cycle Routes
- Warehouse Floors
- Walkways
- Refurbishment of mastic asphalt.
- Steps and stairwells
- Terraces
- Balconies

## 2. COST BENEFITS

- 103 colours, durable through colour finish
- Quick and easy to apply in both internal and external applications
- One coat applications trafficable in less than 1 hours
- Cold applied, no heat required.
- Integral slip resistant finish

## 3. GUARANTEED DURABILITY

Balconycote is a coloured liquid resin binder that incorporates fine aggregates to provide a slip resistant seamless finish. The pigmentation is UV resistant to avoid premature fading of the colour. The product is available with a range of Guarantees and Warranties, depending on the application, including the 10 Year Protector Warranty. Additional coats may attract extended Guarantees or Warranties, subject to site survey. Balconycote is flexible and has good resistance to wear and is capable of being maintained by over coating in the future, without the removal of existing layers. Balconycote is resistant to De-icing salts and spillages of Petrol, Oil

## 4. TYPICAL PHYSICAL & PERFORMANCE DATA

Form	Coloured Textured Liquid
Specific Gravity	1.85
Curing Time @ 20°C	40 minutes
Overcoat Time @ 20°C	40 minutes
Application Temperature Limits	-15 to 40°C
Shelf Life	6 Months
UV Resistance	Excellent
Chemical Resistance	Excellent
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
Tensile Adhesion (BS EN 24624:1993)	
Concrete Substrate	> 1.0MPa
Steel Substrate	> 2.0MPa
Asphalt Substrate	> 0.5MPa



OBEX

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## 4. 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. All live movement joints should be sealed. Refer to Euro Polymers (GB) Ltd.
- Concrete. All Concrete decks must be prepared by suitable mechanical means. New concrete decks should be a minimum 28 days old. When applying at ground level ensure an effective damp proof membrane has been installed below the substrate.
- Asphalt. Fresh macadam, cold or hand applied asphalt must be at least 28 days old before Balconycote 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 Balconycote Primer to prevent the onset of rust.
- Quarry Tiles and Ceramic Floor Tiles. Diamond grind the surface to remove glaze. All cracks and joints must be made good. Surfaces should be primed with Balconycote Primer before applying Balconycote.
- Substrates waterproofed with Eurotec 2000. Allow Eurotec 2000 system 24 to 48 hours to dry prior to the application of Balconycote.

**Primer** No Primer is required on Asphalt substrates. Porous Concrete and Steel substrates must be primed using Balconycote Primer. In ambient conditions primed surfaces can be over coated in 40 minutes. The primer is a two part kit ready for site mixing. Supplied in 5kg packs covering between 15-25mtr<sup>2</sup> per pack, depending on substrate.

**Mixing** Balconycote is supplied in a kit consisting of a 5kg can of liquid pigmented resin containing hardwearing aggregate and a separate pre weighed powder catalyst, 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 stir until the mix is fully homogenised, then add the catalyst and mix for 30 seconds only. Application must commence immediately as the product is very rapid curing.

**Application** Application may proceed while the air and substrate temperatures are between -15 and +40 °C, provided the substrate is above the dew point. Pour the contents of the can in quantities appropriate to the pre-marked or masked areas, onto the substrate and using a Euro Polymers Short haired Roller distribute before rolling to achieve the desired film thickness and finish.

Balconycote is usually applied in one coat. For single coat applications apply Balconycote at a rate of 1.0Kg / Mt<sup>2</sup>. For heavy duty applications where two coats are required apply each coat at a rate of 0.75Kg / Mt<sup>2</sup> / coat. Allow the first coat to dry fully prior to application of the second.

**Coverage** 1 Coat - 1.0kg /m<sup>2</sup> to achieve a dry film thickness of 1mm.  
2 Coats - 0.75kg /m<sup>2</sup> per coat to achieve a dry film thickness of 1.5mm.

**Colours** Balconycote is available in a range of 98 RAL and British Standard Colours and 5 standard colours. Due to the manufacturing process colours may vary from batch to batch.

**Cleaning** All tools and equipment should be cleaned immediately using acetone or Euro Polymers Solvent Wipe No.1 before the material is allowed to cure.

**Packaging** Balconycote is supplied in 5kg packs.

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