



FLEXICOAT

WATER-BASED HIGH-POLYMER ELASTIC WATERPROOF COATING



Roof Tile Coating

USES

- Clay or cement roof tiles as well as brick and metal surfaces
- Road marking, external and internal walls, outdoor timber decking
- Flower troughs, toilets, basement walls
- Sport floors or anti-slip floors with fine grit added
- To cover hairline cracks on walls

FEATURES

- A silicon hybrid acrylic elastomeric waterproof coating
- Blended with inorganic color pigment for long term color fastness
- Very strong adhesion and durability
- High-tech broad spectrum anti-mold, natural bacteria-killing mechanisms incorporated

APPLICATION METHOD

SURFACE PREPARATION

- Cement surfaces need to be sealed and impregnated with W4 or W40 impregnator to reduce alkaline leaching.
- Powdery surfaces have to be primed with F1000 FLEXI CLEAR to improve bonding.
- Newly cast cement needs to be fully cured for 30 days to reduce alkalinity that causes paint blisters.
- Cured coating will be very SLIPPERY when wet, especially on the sloppy roof top.
- Paint on a small spot and do a pull out test with masking tape, before applying FLEXICOAT to the whole surface.

REMARKS

- Allow spent paint in the container to cure fully before disposing for incineration.
- Use in ventilated area. Avoid contact with skin.

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Bukit Merah Metal Roof in Grey



Floor Coating at Void Deck



TECHNICAL DATA

TÜV SÜD PSB Test Report No: 719173555-MEC10-ED dated 16 Dec 2010.

- **Material Identification Verification by FTIR:** Acrylic-based material
- **Adhesion to substrate, Average:** 0.9 N / mm²
- **Water Vapour Transmission, Average:** 97.8 g / m² / day
- **Maximum Tensile Strength, Median:** 8.0 N / mm²
- **Elongation At Break, Median:** 314.1%
- **Crack Bridging Ability, Median:** 3.5mm
- **Accelerated Weathering:**
No signs of blistering, cracking, chalking, colour fading, checking or changes in appearance
- **Dirt Retention:**
Before washing: 97.6 Dc
After washing : 98.7 Dc
- **Drying Time:** Touch Dry : 30 minutes Fully cured : 3 days
- **Viscosity:** 100,000 - 200,000 cps. Paste form.
- **pH Value:** 8.0 - 9.0 Alkaline
- **Water Resistance:** Good under stagnant water condition.
- **Storage Life:** 24 months

COVERAGE

Metal Surface: 4 m² / kg / 0.3 mm thickness / coat or 80 m² / 20 kg

Concrete Surface: 3 m² / kg / 0.5 mm thickness / coat or 60 m² / 20 kg

PACKING

5-kg pail, 20-kg pail

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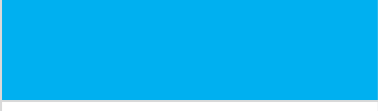




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COLOUR CHART

		
F 1501 TURF GREEN RAL 6002	F 1602 FRENCH CLAY RAL 2004	F 1701 BRICK RED RAL 3003
		
F 1503 MISTY GREEN RAL 6018	F 1604 GERMAN CLAY RAL 2001	F 1702 CHILLI RED RAL 2005
		
F 1005 MISTY GREY RAL 7004	F1705 BROWN RAL 8014	F 1704 COTTAGE RED RAL 3032
		
F 1006 ZINC GREY RAL 6015	F 1201 NAVY BLUE RAL 5019	F 1707 CHOCOLATE RAL 8022
		
F 1007 LEAD GREY RAL 7021	F 1202 SKY BLUE RAL 5012	

The above colors are computer generated. Not representative of the actual color.

Use <https://ralcolor.com> for the closest color code.

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