

FLEXICOAT F1001

Water based High Polymer Elastic Waterproofing Coating



Roof Tile Coating

Description:

- It is a silicon hybrid acrylic elastomeric waterproof coating.
- Excellent resistant to dirt pick-up and excellent stain resistance property.
- Very good in adhesion and durability

Uses:

- Clay or cement roof tiles, brick, metal, flat roof, external and internal wall, out door timber decking.
- Flower Trough, Toilet, Basement Wall.
- Sport Floor or Anti Slip floor with fine grit added.
- To seal aluminium window frames
- Cover hairline cracks.

Application Method

SURFACE PREPARATION

- Please ensure that the surface is non powdery, clean and rough enough for good paint bonding.
- Smooth concrete surface need to be roughen.
- Powdery surfaces has to be primed with **F1000 FLEXI CLEAR**.
- Note: Paint on a small spot, do a pull out test with a masking tape. before applying **FLEXICOAT** to the whole surface.

Remarks

1. Hairline cracks can be plastered with **WET SKIM** lime plaster.
2. Allow spent paint in the container to cure fully, before disposing them for incineration.
3. Use in ventilated area. Avoids contact with skin.
4. The cured coating will be very **SLIPPERY** when wet.

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Bukit Merah Metal Roof—Grey Colour



Floor Coating

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/mm^2
- Water Vapour Transmission, average: $97.8 \text{ g/m}^2 \cdot \text{day}$
- Maximum Tensile Strength, median: 8.0 N/mm^2
- 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: ***70– 80 m² / 20 kg-pail*** (2 layers with thickness 0.2- 0.3 mm).
0.2 kg/m²
- Concrete Surface: ***60– 70 m² / 20 kg-pail*** (2 layers with thickness 0.4- 0.5 mm).
0.4 kg/m²

Packing 5 kg-pail, 20 kg-pail.

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COLOUR CHART



F 1501 TURF GREEN
(*370C)



F 1602 FRENCH CLAY
(*7413C)



F 1701 BRICK RED
(*181C)



F 1503 MISTY GREEN
(*7489C)



F 1604 GERMAN CLAY
(*7522C)



F 1702 CHILLI RED
(*187C)



F 1005 MISTY GREY
(*COOL GRAY 8C)



F1705 BROWN
(*4705C)



F 1704 COTTAGE RED
(*7427C)



F 1006 ZINC GREY
(*COOL GRAY 9C)



F 1201 NAVY BLUE
(*7462 C)



F 1707 CHOCOLATE
(*4975C)



F 1007 LEAD GREY
(*COOL GRAY 10C)



F 1202 SKY BLUE
(*637 C)



F 1803 LEMON YELLOW

*The above colors are computer generated, thus may vary from the actual colors.
Actual color cards are available upon request.*