



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

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

WARRIOR PTE LTD

Blk 17 Marsiling Industrial Estate Road 1 # 01-11 Singapore 739279

Tel: (65) 6364 5100 , 6364 5060 , 6367 3676

war99@singnet.com.sg www.warrior.com.sg





FLEXICOAT

WATER-BASED HIGH-POLYMER ELASTIC WATERPROOF COATING



Bukit Merah Metal Roof in



Floor Coating at HDB void



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 m ² / kg / 0.3 mm thickness / coat 80 m ² / 20 kg
Concrete Surface:	3 m ² / kg / 0.5 mm thickness / coat. 60 m ² / 20 kg

PACKING

5-kg pail, 20-kg pail

WARRIOR PTE LTD

Blk 17 Marsiling Industrial Estate Road 1 # 01-11 Singapore 739279

Tel: (65) 6364 5100 , 6364 5060 , 6367 3676

war99@singnet.com.sg www.warrior.com.sg





FLEXICOAT

WATER-BASED HIGH-POLYMER ELASTIC WATERPROOF COATING

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



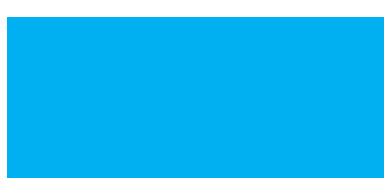
F 1201 NAVY BLUE
RAL 5019



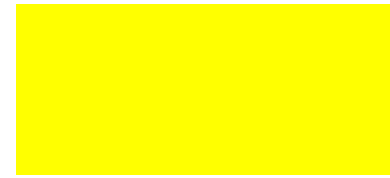
F 1707 CHOCOLATE
RAL 8022



F 1007 LEAD GREY
RAL 7021



F 1202 SKY BLUE
RAL 5012



F 1803 LEMON YELLOW
RAL 1026

*The above colors are computer generated. Not representative of the actual color.
Use <https://ralcolor.com> for the closest color code.*

WARRIOR PTE LTD

Blk 17 Marsiling Industrial Estate Road 1 # 01-11 Singapore 739279

Tel: (65) 6364 5100 , 6364 5060 , 6367 3676

war99@singnet.com.sg www.warrior.com.sg

bizSAFE₃