



# 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](mailto:war99@singnet.com.sg) [www.warrior.com.sg](http://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:  $0.9 \text{ N/mm}^2$
- Water Vapour Transmission, average:  $97.8 \text{ g/m}^2/\text{day}$
- Maximum Tensile Strength, median:  $8.0 \text{ N/mm}^2$
- 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:	$4 \text{ m}^2 / \text{kg} / 0.3 \text{ mm thickness} / \text{coat}$ $80 \text{ m}^2 / 20 \text{ kg}$
Concrete Surface:	$3 \text{ m}^2 / \text{kg} / 0.5 \text{ mm thickness} / \text{coat.}$ $60 \text{ m}^2 / 20 \text{ kg}$

### 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](mailto:war99@singnet.com.sg) [www.warrior.com.sg](http://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**



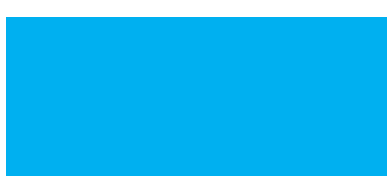
**F 1201 NAVY BLUE**  
**RAL 5019**



**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](mailto:war99@singnet.com.sg) [www.warrior.com.sg](http://www.warrior.com.sg)

**bizSAFE<sub>3</sub>**