



S104 SILCOAT

UV RESISTANT WATER BASED ELASTIC WATERPROOFING COATING.

USES

- Professional Grade Coating for use on Metal,
- Concrete Flat Roof and External Wall

FEATURES

- **S104** is a water based silicone coating with micro-pores and permeable to vapour. The cured coating is breathable and elastic to accommodate building movement
- **S104** is durable as it has excellent UV and water resistance
- **S104** has good weathering properties, that lasts 10 to 15 years
- **S104** has an excellent adhesive strength that prevents peeling
- **S104** has an excellent bridging property to bridge over hairline cracks

APPLICATION METHOD

SURFACE PREPARATION

- Ensure surface to be treated is clean, dry and intact
- Ensure that the roof surface water run-off is sufficient
- For concrete surface, apply **W4 Water Repellent + Water = 1 + 50**. To reduce water absorption

INSTALLATION OF WATERPROOFING SYSTEM

1. Use **S104** from the pail without dilution.
2. Brush on 1st coat of **S104**; spread the non-woven fabric; overlap more than 10 cm. Allow 30 minutes for drying.
3. Brush on 2nd coat of **S104**, allow it to soak through and dry.
4. Allow **S104** to soak into the fabric, covering it fully. Release all the trapped bubbles.
5. Brush on the 3rd coat.

COATING THICKNESS

For Concrete Flat Roof, coating thickness recommended is **1 to 1.2 mm**. For better performance, Interperse with 2 non-woven fabrics, and 6 coats

Usage: **2 kg / sq metre** To last 15 years



WARRIOR PTE LTD

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

Tel: (65) 6364 5100

Fax: (65) 6364 0629

war99@singnet.com.sg

www.warrior.com.sg

bizSAFE₃



S104 SILCOAT

UV RESISTANT WATER BASED ELASTIC WATERPROOFING COATING.

REMARKS

- Use in a well-ventilated area
- Do not dilute **S104** for waterproofing application
- It is recommended to prime new exterior cement wall with **W4 WATER REPELLENT**. This is to prevent the residual alkaline in the cement to cause deboning
- Allow unused portion to cure before disposing

TECHNICAL DATA

- Colour: Light Grey
- Drying time: Touch Dry - 60 minutes. Fully cured - 3 days
- Tensile Strength: 2.12 N / sq. mm
- Adhesion Strength: 1.13 N / sq. mm
- Elongation: 357.48 %
- UV resistance: Excellent, Grey scale rating 4 UV exposures for 2000 hours
- Water Vapour Transmission: 35.62 g / sq. m /day
- Shore Hardness: 76 after ageing
- Viscosity: 100,000 - 200,000 cps. Paste form
- pH Value: 8.0 - 9.0 Alkaline
- Service Life span: Estimated between 10 to 15 years
- Storage Life: 12 months
- Solid Content: 65%

CAUTION

- **ORAL EXPOSURE:** In case of ingestion, rinse the mouth with water. Call a doctor
- **DERMAL EXPOSURE:** In case of contact, immediately remove clothing and rinse with copious amounts of water. Call a doctor
- **EYE EXPOSURE:** In case of contact, immediately rinse with copious amounts of water for at least 15 minutes. Assure adequate rinsing by separating the eyelids. Call a doctor.

REMARKS

- Waterproofing of roofs that are old, neglected or failing may not be beneficial. If you are in doubt about the condition of your roof, please consult a qualified roof inspector to obtain a conclusion on the quality and suitability of your roof

PACKING

20 kg-pail

WARRIOR PTE LTD

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

Tel: (65) 6364 5100

Fax: (65) 6364 0629

war99@singnet.com.sg

www.warrior.com.sg

*bizSAFE*₃



S104 SILCOAT

UV RESISTANT WATER BASED ELASTIC WATERPROOFING COATING.

Disclaimer: *The information provided in this brochure is ensured to be as accurate as possible at the time of inclusion, however there may be inadvertent and occasional errors which may have slipped from our notice. Warrior Pte Ltd does not guarantee and make no representations or warranties of any kind about the information, advice and opinions provided and reserves the right to make changes and corrections at any time, without prior notice to any parties. Warrior Pte Ltd accepts no liability for any inaccuracies or omissions in its brochure and any decisions made based on information and opinions contained in the brochure is the sole responsibility of the user.*

WARRIOR PTE LTD

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

Tel: (65) 6364 5100

Fax: (65) 6364 0629

war99@singnet.com.sg

www.warrior.com.sg

