

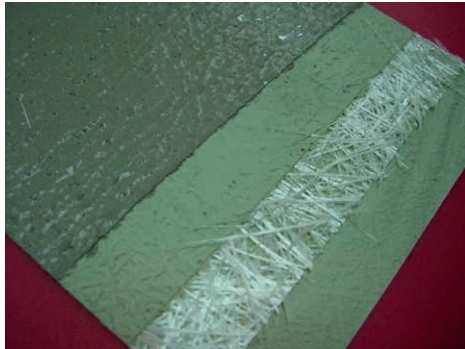


ASIA'S LEADING  
BUILDING PROTECTION  
SPECIALIST

## TRAFFIGARD

EXPOSED WATERPROOFING MEMBRANE

### DATA SPECIFICATION SHEET



032 002  
Environmentally Preferred Coating



### DESCRIPTION

The **Traffigard** system is seamless, liquid-applied, elastomeric waterproofing membrane that is available in a wide range of colours. The system consists of modified acrylic polymer with fiberglass reinforcement mat for better strength, build and wear resistance.

The **Traffigard** system can be easily applied onto any shapes and contours. It can be re-coated and therefore can be repaired easily in the event of puncture or damage.

### AREAS OF USAGE

The **Traffigard** system tolerates light foot traffic and is ideally suited for the waterproofing of new & old roofs, walk-out decks and patios etc.

As this is a liquid applied system it is seamless and easily follows the contours of the substrate and hence is ideally suitable for curved roofs or roofs with a lot of detailing works, such as plinths, downpipes and gutter areas etc.

### PRODUCT SPECIFICATION

- COLOUR:** Available in wide a range of decorative colours.
- PACKING SIZE:** 20 litre pails
- SHELF LIFE:** 2 years in unopened container.
- THINNING:** The material shall not be diluted.
- DRY FILM THICKNESS:** 0.8 mm - 1.0 mm
- ELONGATION (ASTM D412) :** 579%
- TENSILE STRENGTH (ASTM D412):** 2.54 Mpa
- WATER VAPOUR TRANSMISSION (ASTM E96):** 3.19 g/m<sup>2</sup>-h
- ADHESION TO SUBSTRATE (ASTM D4531):** 1.13 Mpa
- SHORE A HARDNESS (ASTM D2240):** 80.8
- SPREAD OF FLAME (BS 476 Pat 7):** Class 3
- QUV ACCELERATED WEATHERING FOR 2000/3000 HOURS (ASTM G53):** Passed
- IMPACT RESISTANCE OF COATINGS (ASTM D2794):** 100 kg.cm
- WATER PENETRATION (DIN 1048 Part 5):** No penetration at 1.0 kg/cm<sup>2</sup>
- CRACK BRIDGING (ASTM C836):** No Cracks
- COLOUR FASTNESS:** No defects after 2000 Hours in QUV weatherometer

\* This datasheet is applicable for used in selected countries.

## SUBSTRATE PREPARATION & APPLICATION

### PRIMING:

Apply primer to the entire prepared surface either by brush or roller. The standard primer used for this system is Traffigard Primer-C. In some cases, the primer used may be different depending on the type of substrates as stated below. Spreading rates and drying/re-coating times are indicative only and these depends on the type and condition of the substrate, temperature and humidity etc.

**Normal concrete and plaster substrate** - Traffigard Primer-W shall be applied at coverage of 5 m<sup>2</sup>/litre and re-coating time is minimum 3 hours.

**Dense or powdery concrete and plaster substrate** - Traffigard Primer-C shall be applied at coverage of 5 m<sup>2</sup>/litre and re-coating time is 3 minimum hours.

### BODYCOAT AND REINFORCEMENT:

Apply Traffigard Bodycoat by roller at 2.5 m<sup>2</sup>/litre. Immediately roll in the fibreglass mat and apply a second coat of Traffigard Bodycoat at 2.5 m<sup>2</sup>/litre. Allow the membrane to dry for 12 hours before applying the top coat.

### TOPCOAT:

Apply by roller Traffigard Topcoat at 1.5 m<sup>2</sup>/litre and allow to dry for at least 48 hours before light foot traffic is allowed.

### PONDING:

Ponding test can be carried out 7 days after the application of the topcoat.

## HEALTH & SAFETY

As this product is water-based, it is non-flammable and of low toxicity. Spills can be removed with water or by using sand to absorb the material. Dry material can be removed from the skin by using warm water and soap. Provide adequate ventilation in confined areas when applying this product.

### CAMBODIA

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### SINGAPORE

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Place Product  
Sample Here

Revision A

All data, statements and recommendations are made herein are based upon our research and experiences and are believed to be accurate. However, no guarantee of their accuracy is made or applied. This data specification supersedes all other issues.