



# TREMPROOF<sup>®</sup> 3300 SL

## SBS PREFORMED SHEET WATERPROOFING MEMBRANE

### DESCRIPTION

TREMPROOF 3300 SL is a waterproofing membrane comprising a strong, HDPE polyethylene film and a self-adhesive rubber/bitumen compound. The product has been designed for use above and below ground, on vertical or horizontal surfaces where waterproofing and protection is required.

### BASIC USES

TREMPROOF 3300 SL Waterproofing Systems are suited for waterproofing in plaza decks, roof terraces, pedestrian concourses, podiums, parking garages, tunnels, foundation walls, planter boxes, basement slabs and walls.

### CHARACTERISTICS

- cold applied, it does not require heat/torch
- easy to install
- permanent flexibility and protection
- effective water and vapour barrier
- roots resistant

### ADVANTAGES

- quick installation
- no special tools required
- strong resistance to chemical agents as : chlorides, sulfates, alkalis, dilute acids ozone and atmospheric pollutants

### LIMITATIONS

Not designed for use as a finished traffic systems. Do not apply over lightweight concrete without prior written approval. Not designed for use as an exposed roofing membrane representative.

### COLOUR

Matt Black only

### PACKAGING

Roll size: 1 M (W) x 20 M (L) x 1.5 mm Thickness

Weight: 1.6 kg / m<sup>2</sup> for 1.5 mm Thick

Palletisation: 20 rolls / pallet

### STORAGE

Rolls can be stored upright in their original packing. Keep dry at room temperature below +35 °C for 12 months.

### APPLICATION DATA

#### Preparation :

- A. Concrete surfaces shall be smooth, dry, free of oil, dust and other contaminants. Surface shall be free of voids, spalled area, loose aggregate and sharp protrusions. Concrete and masonry surfaces must be cured for a minimum of 3 days prior to application of membrane.
- B. Wherever a vertical penetration exists (parapet wall, column, stack etc.) a 25 x 25 mm cement mortar cant strip shall be built before the installation of TREMPROOF 3300 SL.
- C. Cracks 1.6 mm and over, all moving structural joints and cold joints shall be routed to 6.4 mm wide x 12.7 mm.

#### Note

1. All preparatory work must be cured 12 hours minimum prior to installation of full membrane.
2. Proper treatment of expansion joints is critical. Consult your local Tremco Representative.
3. Drains: An all-level drain shall be installed wherever identified on the plans in accordance with the manufacturer's instructions. Following good drainage procedures, the structural slab should be sloped a minimum of 10 mm per metre.

### PREFORMED SHEET INSTALLATION

- A. Prior to the application of the primer, stir the primer thoroughly. Thinning of the primer is not recommended.
- B. Apply the primer to all concrete surfaces with a lambswool roller or spray at the rate of 6 - 8 sq. m per litre depending upon surface conditions.
- C. Prime only as much surface as can be covered in 4 hours. The primer should be tack free in 30 mins depending upon temperature and atmospheric conditions. Areas not covered with the membrane in 4 hours must be reprimed. Tack free primed surfaces should be covered by the membrane immediately to avoid contamination from air carried dust, dirt and sand. Do not overprime. Excessive primer will cause solvent entrapment beneath the membrane resulting in debonding the potential leakage.
- D. Apply TREMPROOF 3300 SL from the low point to the high point across the fall line so that the laps shed water, on horizontal surfaces. Installation is recommended between +10 °C and +40 °C.



- E. Lay the membrane removing the release paper tack side down, smoothing with a broom or roller to avoid wrinkles, blisters or fishmouths and to gain positive complete contact with the primed surfaces.
- F. Overlap the next sheet by 75 mm at side, 100 mm at end, lay the next roll. Apply all succeeding sheets in the same manner.
- G. Pressure rolling the overlaps is essential to the development of a complete and permanent seal.
- H. For special condition such as low temperature or vertical applications, consult your local Tremco Representative.
- I. Flood test: Prior to the placement of the protection board and topping, flood with a minimum of 25 mm of water for 24 hours. Drains should be plugged and barriers placed to contain the water.
- J. Where assurance against damage by subsequent contractors is not possible, approved protection boards shall be installed over TREMproof 3300 SL. Tremproof mastic can be used to bond the board to the membrane. This will provide protection prior to the application of insulation, wearing course, or backfill.

K. It is recommended that overlays of protection board insulation or sand be completed as quickly as possible after membrane application.

**REPAIRS**

If punctured, TREMproof 3300 SL can be repaired with another application of the same product. Clean the surface, immediately prior to reapplication. Overlap at least 100 mm.

**WARRANTY**

Tremco warrants its Membranes to be free of defects in materials, but makes no warranty as to appearance or colour. Since methods of application and on site conditions are beyond our control and can affect performance. Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Membranes. Tremco's sole obligation shall be, at its option, to replace, or refund the purchase of the quantity or Tremco Membranes proved to be defective and Tremco shall not be liable for any loss or damage.

**PERFORMANCE SPECIFICATIONS**

Properties	Test Method	Typical Values
Tensile Strength (Film)	ASTM D882	19,700 kN / m <sup>2</sup>
Tensile Strength (Composite)	ASTM D412	M.D: 1.3 N / mm <sup>2</sup> C.D: 1.1 N / mm <sup>2</sup>
Elongation (Composite)	ASTM D412	≥ 300%
Puncture Resistance	ASTM E154	9 kg
Adhesion To Self	N.A.	1,100 N / m
Pliability	N.A.	Pass