TREMproof® 3300 HD-IN

Cold-Applied, fully bonded, SBS modified bituminous Self-Adhesive waterproofing membrane for below and above ground application.

PRODUCT DESCRIPTION

TREMproof® 3300 HD-IN is a cold applied, fully bonded cold applied SBS modified bituminous Self-Adhesive membrane. It consists of multilayer composite waterproofing material for superior waterproofing performance, including a layer of rot proof glass fibre Mat cross laminated HDPE film, and high performance SBS polymer bituminous modified layer with release liner on one side.

TREMproof® 3300 HD-IN is 1.6mm thickness composite sheet designed for use for below and above ground waterproofing of concrete and other substrate. Once installed TREMproof® 3300 HD-IN creates an integrally bonded, high performance waterproofing & protection layer for below ground concrete structures against protection from Ground water, Contaminants, Ground gases.

BASIC USES

TREMproof® 3300 HD-IN is to be applied for Waterproofing and protection of:

- Horizontal Slabs, Raft and Footings
- Vertical Retailing Walls for Tanking waterproofing
- Deep Foundation, Below ground Pits, Sumps
- Above ground structures as Roof, Podium, Deck
- Cut & Cover Tunnels, MRT, Subway, Metro Station
- Bottom Up & Pre-Cast

FEATURES AND BENEFITS

- 1.6mm thickness
- Forms permanent integral bond to concrete, metal, wood.
- Prevents water from seeping or tracking between substrate & membrane
- Cold-applied, safe, no heating or torching needed.
- Effective barrier from water, moisture contaminants, damp proofing
- Accelerates construction program; quick to install
- High performance HDPE cross laminated carrier film

AVAILABILITY

TREMproof® 3300 HD-IN system and its accessories is immediately available from your local Tremco Flowcrete Sales Representative.

PACKAGING

- TREMproof® 3300 HD-IN
  Length: 15 M Width :1 M Thick :1.6mm

ACCESSORIES

- TREMproof® Bituminous Primer: 20 Kg Pail

COLORS

Black

STORAGE

Store TREMproof® 3300 HD-IN & its accessories be stored in the original, undamaged packaging in a clean, dry and protected location where temperatures do not exceed 37°C (100 °C). Do not double stack pallet.

SHELF LIFE

1 year when stored in accordance with storage instructions.

INSTALLATION

Surface Preparation

Horizontal Substrate

- It is essential to create a sound and solid substrate of M25 to eliminate movement during concrete pour or backfill.
- Substrate must be regular and smooth with no gaps or voids and must be free of loose aggregates & sharp protrusion.

Vertical Substrate

- TREMproof® 3300 HD-IN can be used for creating tanking for open cut retaining walls, similar surface preparation as stated above needs to comply.

Membrane Installation

- TREMproof® Bituminous Primer shall be applied at 0.2-0.4 Kg /m2
- TREMproof® 3300 HD-IN is supplied as rolls, which are easy to kick out or roll out with adhesive surface side facing towards concrete or substrate.
- TREMproof® 3300 HD-IN rolls can be staggered to avoid end laps alignment on same line.
- TREMproof® 3300 HD-IN be applied by removing the release liner from adhesive face & pressed onto the substrate.
- Accurately position succeeding sheets to overlap the previous sheet with 50mm along with marked selvedge side laps & 100mm at end laps
- Peel back the release liner from selvedge and press the rolls to create an adhesive bond between adjoining membranes.
- Ensure continuous bond is achieved without creases and roll firmly with a heavy roller.
- At Ambient Temp > 40 °C, for above ground application both end laps and side laps be sealed with 50mm lap coating of TREMproof® 250 GC.
- For creating a Tanked & continuous waterproof system, TREMproof® 3300 HD-IN is compatible with other Tremco Sheets, Liquid and Spray Applied product systems.
- Appropriate Protection method as boards or protective screed must be applied before backfill or upcoming trades.

india@tremcocpg.com
www.tremcocpg-india.in

TREMproof® 3300 HD-IN

Cold-Applied, fully bonded, SBS modified bituminous Self-Adhesive waterproofing membrane for below and above ground application.

Pipes, Joints, Termination

- Refer Tremco Details.

APPLICABLE STANDARDS

TREMproof® 3300 HD-IN conforms to:

- BS 8102: 2009
- IS 16471: 2017

LIMITATIONS

- Tremco does not recommend the TREMproof® 3300 HDIN membrane to be kept open to sunlight beyond 6 weeks. In case of doubt contact Tremco Flowcrete technical department.
- Not Compatible with Tar based coatings.

WARRANTY

- Tremco warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. 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 Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or dama

TYPICAL TECHNICAL PROPERTIES	
Property	**DESCRIPTION**
Type	SBS modified bituminous composite membrane with adhesive surface layer on one side.
Color	Black / Dark Grey
Size	1 m Wide X 15 m Length
Application	Sheet Applied
Thickness	1.6mm overall
Storage Temperature	Temperatures not exceeding 37 °C (100 °F)
Application Temperature	Above 5 °C and rising

Property	Test Method	TREMPROOF® 3300 HD-IN
Elongation	ASTM D882 modified	>550%
Tear Resistance	ASTM D1004	180 N/mm
Tensile strength (Top Surfacing)	ASTM D882 modified	>30 N/mm2
Resistance to Hydrostatic Head	ASTM D 5385	7 Bars
Puncture Resistance	ASTM E154	>210, N
Crack Bridging	ASTM C836	2 mm
Permeance	ASTM E96	0.2 gr/m2/24hrs

- **Please contact us at india@tremcocpg.com to confirm the most up-to-date Product Data Sheets.**

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification & Labelling of Chemicals (GHS) requirements.

Waterproofing | Sealants | Glazing Aids | Firestopping

Version: VER.:02/21

TREMCO Construction Products Group

Tremco CPG (India) Private Limited

"Ganesh Tower", Door No.B-1, 1st Floor, 1st Avenue, Ashok Nagar,
Chennai - 600 083. Tamilnadu, India. T. +91 44 4017 6600 | F. +91 44 4202 9832

india@tremcocpg.com
www.tremcocpg-india.in