

PRODUCT DESCRIPTION

TREMproof® 3700PA is a self-adhesive, post-applied high-performance HDPE based waterproofing membrane with plain finish and release liner for easy installation, manufactured and supplied in thickness of 1.2 / 1.5 mm, designed for waterproofing basements & podiums of new buildings.

The sheet remains flexible over years, maintaining its integrity and continuing to provide protection.

BASIC USES

- Retaining walls
- Side Walls
- RCC Podiums
- Car Parks
- Roads & Bridges
- Canals, Subways, Tunnels & Underpass
- Underground Metro Stations

FEATURES AND BENEFITS

- Environment friendly, no VOC, Chlorine or plasticizers, nontoxic, recyclable and has a low carbon footprint.
- Outstanding puncture resistance, high breaking and tearing strength, with high peel strength on overlap joints.
- Excellent resistance to chemicals; acids, alkalis, salts and other corrosive materials.
- Prevents lateral water migration and is resistance to high hydrostatic head.
- Continuous serviceability from -25°C to +80°C – without cracking, tearing or brittleness failure.
- Self-adhesive, cold applied, flexible, fast and easy application.
- Temporary UV resistant during application and steel works (45 days).
- No primer required.

STORAGE

- Store membranes in dry & clean conditions and in their original, closed wrapping away from sources of chemical contamination, damage, ignition sources and open flame. Shelf life is 12 months. Exercise caution when lifting, moving, transporting, storage & handling to avoid puncture and physical damage. Store horizontally, not more than one pallet high.

INSTALLATION

- Refer Tremco Installation guideline.

AVAILABILITY

- Contact your Local Tremco Sales Representative.

COVERAGE

- The dimensions of the membrane are calculated to cover the substrate, including seam overlaps.
Standard Seams: 80/100 mm
Seams with mechanical anchoring: 150 mm
Upstands: additional length of 150mm

PACKAGING

| | | |
|---------------|------------------|-------------|
| Thickness, mm | 1.2 | 1.5 |
| Width, m | 1.2, 1.5 and 2.0 | 1.2 and 1.5 |
| Length, m | 20 | 20 |

Technical Properties

| PROPERTY | 1.2mm | 1.5mm |
|---|---|--|
| Total Composite Thickness mm; ASTM D3767 | 1.2 ± 5 % | 1.5 ± 5 % |
| HDPE Film Thickness mm; ASTM D3767 | 0.90 Min | 1.20 Min |
| Typical Weight Kg/m ² | 1.20 ±10% | 1.50 ± 10% |
| Tensile Strength MPa; MD/TD; ASTM D 412 | 25 Min | 25 Min |
| Elongation at Break %; MD/TD; ASTM D 412 | 500 Min | 500 Min |
| Puncture Resistance N; ASTM E154 | 1000 Min | 1200 Min |
| Resistance to Hydrostatic Head m; ASTM D5385 | 71 | 71 |
| Lateral Water Migration m; ASTM D5385 | 71 | 71 |
| Peel Adhesion to Concrete N/m; ASTM D903 | 1500 Min | 1500 Min |
| Lap Peel Adhesion Strength N/m; ASTM D1876 | 1500 Min | 1500 Min |
| Low Temperature Flexibility °C; ASTM D1970 | ≤ -25°C | ≤ -25°C |
| Dimensional Stability %; 6hrs @ 70°C; ASTM D 1204 | 1% Max | 1% Max |
| Peel Adhesion to Concrete after 21 days of UV exposure N/m; ASTM D903 | 1000 Min | 1000 Min |
| UV Resistance 45days; ASTM G154 / ASTM D412 | 90% retention of Tensile & Elongation values. | 90% retention of Tensile & Elongation values |
| Water Vapour Permeance Perms; ASTM E96, Procedure B | 0.10 Max | 0.10 Max |

WARRANTY

- Stoncor Middle East 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, Stoncor Middle East makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Tremco Products. Stoncor Middle East'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 Stoncor Middle East shall not be liable for any loss or damage. Please refer to Stoncor Middle East Warranty guidelines.

• Please contact us at info@stoncor-me.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.