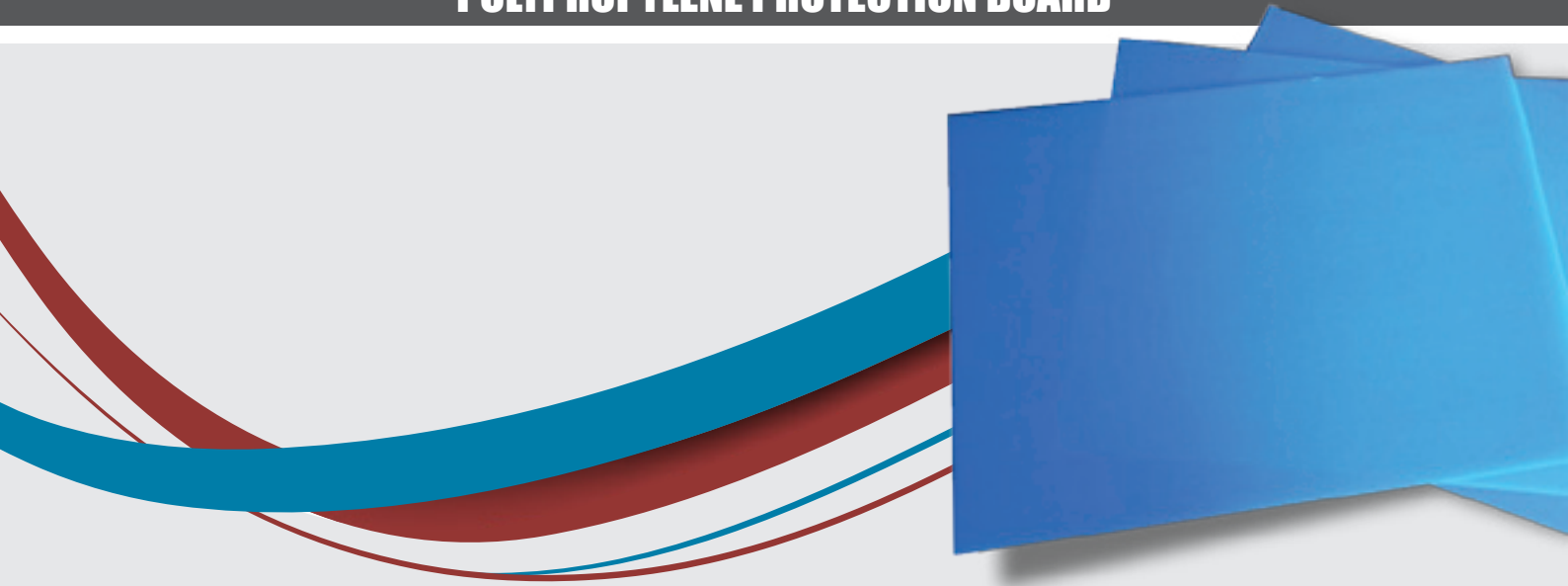


POLYPROPYLENE PROTECTION BOARD



POLY BOARD



WATERPROOFING MEMBRANE PROTECTION

Poly Board is a semi-flexible polypropylene based board for waterproofing membrane protection.



DESCRIPTION

POLY BOARD is extremely strong in puncture and injury resistance. It is engineered to resist puncture at over 1100, 1300, 1500, 2000, 24000 and 2600 Newton as per ASTM E-154.

POLY BOARD differs from any other materials used to protect the waterproofing membrane as it enjoys flexibility which enables its use for tacking corners, protrusions, rounded surfaces and also uneven surfaces.

POLY BOARD is not affected by mineral oils, solvents, acids, bases, and salts. These elements are usually found in contaminated water tables and soil compositions. This product does not absorb water, which adds to the impermeability of the waterproofing membrane.

POLYPROPYLENE PROTECTION BOARD

APPLICATION

Poly Board is applied on hot asphalt liquid membranes, torched applied asphalt membranes and on rubber based waterproofing membranes.

1. Hot applied liquid membrane: Poly Board is simply laid down on top of hot asphalt before it cools down.
2. Torched applied asphalt membrane: before application of Poly Board, the exposed side of the membrane shall be lightly torched in separate spots. When the top exposed layer of the membrane changes into a sticky shiny layer, Poly Board protection boards are applied with gentle pressure.
3. Rubber waterproofing membrane: a solvent based glue (Patex or similar) is applied as an adhering agent between the waterproofing membrane and the protection board.
4. Poly Board is also used as a protection boards for tiles of various finishes during construction phases.

TECHNICAL SPECIFICATIONS

| Technical Data | NEWTON | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1100 | 1300 | 1500 | 2000 | 2400 | 2600 |
| Material | Polypropylene | Polypropylene | Polypropylene | Polypropylene | Polypropylene | Polypropylene |
| Size | 1 m x 2 m | 1 m x 2 m | 1 m x 2 m | 1 m x 2 m | 1 m x 2 m | 1 m x 2 m |
| Thickness | 2 | 3 | 4 | 6 | 8 | 10 |
| Approximate Weight | 330 gr./sqm | 450 gr./sqm | 600 gr./sqm | 900 gr./sqm | 900 gr./sqm | 1100 gr./sqm |
| Tear Resistance (ASTM 1004) | 10 | 13 | 15 | 18 | 20 | 23 |
| Water Absorption (ASTM 1004) | nil | nil | nil | nil | nil | nil |
| Resistance to 60% NaOH (ASTM D 543) | not Affected | not Affected | not Affected | not Affected | not Affected | not Affected |
| Resistance to 30% NaOH (ASTM D 543) | not Affected | not Affected | not Affected | not Affected | not Affected | not Affected |
| Resistance to 30% N ₂ SO ₄ (ASTM D 543) | not Affected | not Affected | not Affected | not Affected | not Affected | not Affected |
| Resistance to 10% NCL (ASTM D 543) | not Affected | not Affected | not Affected | not Affected | not Affected | not Affected |
| Resistance to Mineral Oils (ASTM) | not Affected | not Affected | not Affected | not Affected | not Affected | not Affected |
| Linear Dimensioning Change due to Accelerated Aging (ASTM D 1204) | nil | nil | nil | nil | nil | nil |
| Resistance to Puncture (ASTM E 154-88 section 10) | 1100 Newton | 1300 Newton | 1500 Newton | 2000 Newton | 2400 Newton | 2600 Newton |

LOCATION

