

Elastoval Special PL

Description High performance SBS modified elastomeric bitumen membrane for roofing and waterproofing works.

This product is designed as base layer in multi layer waterproofing systems, for both new roofing works and refurbishment works. This product is also approved

CE Base layer for multi-layer roofing systems according with EN13707 for flat roofs. Layer for foundation waterproofing works according with EN13969.

Field of use Exposed not-accessible roofs, technical roofs exposed or under heavy protection, roofs accessible to pedestrian. Foundation waterproofing works.

Certifications and Agreements CE marking - FPC certificate number 1370-CPR-0042

Composition
Top Surface: Film
Back Surface: Film
Reinforcement: Polyester reinforced with fiber glass

Method of application Fully torch applied

| Dimension and packaging | Elastoval Special | 3PL | 4PL | 5PL |
|--------------------------------|--------------------------|------------|------------|------------|
| Thickness (mm) | | 3,0 | 4,0 | 5,0 |
| Weight (kg/m ²) | | - | - | - |
| Rolls (m) | | 1X8 | 1X8 | 1X8 |



| Property | Test Method | Unit | Value | Tolerance |
|---|---------------------|-------------------|-----------------|-----------|
| Lenght | EN 1848-1 | m | 8 | -1% |
| Width | EN 1848-1 | m | 1,0 | -1% |
| Thickness | EN 1849-1 | mm | 3,0 / 4,0 / 5,0 | ±0,2 |
| Weight | EN 1849-1 | Kg/m2 | NPD | ±10% |
| Tensile strength at max | EN 12 311-1 | L x T (N/50mm) | 680/500 | -20% |
| Elongation at max | EN 12 311-1 1999 | L x T (%) | 40 / 40 | -15 |
| Nail tearing resistance | EN 12 310-1 | L x T (N) | 180 /180 | -30% |
| Static load | EN 12 730 | Kg | 15 | ≥ |
| Resistance to impact | EN 12691 | mm | 1000 | ≥ |
| Joints Shear resistance | EN 12317-1 | N / 50mm | 600 /500 | -20% |
| Flexibility at low temperature | EN 1109 | (°C) | -25 | ≤ |
| Flow resistance at elevated temperature | EN 1110 | (°C) | 100 | ≥ |
| Dimensional stability | EN 1107-1 | % | ±0,3 | ≤ |
| Watertightness | EN 1928-B | kPa | 60 | ≥ |
| Vapour Transmission (μ) | EN 1931 | - | 20000 | ≥ |
| Reaction to fire | EN 13501-1 | - | F | - |
| External fire performance | EN 13501-5 | - | Froof | - |

Storage

This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.

Modifications

Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the updated technical data sheet, please contact our technical department.