

Extragum Special PL

Description High performance polyolefine APAO modified bitumen membrane for roofing works. This product is designed as base layer in a multi layer waterproofing systems for both new roofing works and refurbishment works. This product is also approved for foundation

CE Single layer for roofing systems according with EN13707. Layer for foundation waterproofing works according with EN13969.

Field of use Technical roofs under heavy protection.
Foundation waterproofing works.

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

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

Method of application Fully torch applied

| Dimension and packaging | Extragum Special | 4PL |
|--------------------------------|-------------------------|------------|
| Thickness (mm) | | 4,0 |
| Weight (kg/m2) | | - |
| Rolls (m) | | 1X8 |



| Property | Test Method | Unit | Value | Tolerance |
|---|---------------------|-------------------|------------|-----------|
| Lenght | EN 1848-1 | m | 8,0 | -1% |
| Width | EN 1848-1 | m | 1,0 | -1% |
| Thickness | EN 1849-1 | mm | 4,0 | ±0,2 |
| Weight | EN 1849-1 | Kg/m2 | NPD | ±10% |
| Tensile strength at max | EN 12 311-1 | L x T (N/50mm) | 900/700 | -20% |
| Elongation at max | EN 12 311-1 1999 | L x T (%) | 50/50 | -15 |
| Nail tearing resistance | EN 12 310-1 | L x T (N) | 180/180 | -30% |
| Static load | EN 12 730 | Kg | 25 | ≥ |
| Resistance to impact | EN 12691 | mm | 1250 | ≥ |
| Joints Shear resistance | EN 12317-1 | N / 50mm | 700 | -20% |
| Flexibility at low temperature | EN 1109 | (°C) | -20 | ≤ |
| Flow resistance at elevated temperature | EN 1110 | (°C) | 140 | ≥ |
| Dimensional stability | EN 1107-1 | % | ±0,3 | ≤ |
| Flexibility at low temperature after thermal ageing | EN1296 EN 1109 | (°C) | -20 | +15 |
| Flow resistance at elevated Temperature after thermal aeing | EN1296 EN 1110 | (°C) | 130 | -10 |
| Long exposure ageing - UV radiations combined with heat and water | EN1297 EN1850-1 | - | No defects | - |
| Watertightness | EN 1928-B | kPa | 60 | ≥ |
| Reaction to fire | EN 13501-1 | - | E | - |
| 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.