

APP MODIFIED, BITUMINOUS WATERPROOFING MEMBRANE

-5°C Series

P 3000 / P 3000 S

APP (Atactic Polypropylene) Modified, Bituminous Waterproofing Membrane

It's upper surface is coated with PE/Sand, sub surface is coated with PE.

It is reinforcement with Polyester.

| Test Name | Standard | Unit | Tolerance | Value |
|---|--------------------------|------------------|-------------|---------|
| Visual Defects | TS EN 1850-1 | - | - | none |
| Thickness | TS EN 1849-1 | mm | ±0,2 | 3 |
| Reinforcement | - | g/m ² | - | 180 |
| Length | TS EN 1848-1 | m | min (-0,03) | 10 |
| Width | TS EN 1848-1 | cm | min (-2) | 100 |
| Straightness | TS EN 1848-1 | | | pass |
| Watertightness | TS EN 1928 Mt.A/Mt.B* | 10kPa/60kPa* | | pass |
| Dimensional Stability | TS EN 1107-1 | % | max | ≤0,6 |
| Flexibility at Low Temperature | TS EN 1109 / ASTM D-5147 | °C | ≤ | -5 |
| Flow Resistance at Elevated Temp. | TS EN 1110 / ASTM D-5147 | °C | ≥ | 110 |
| Tensile Strength (MD/CMD) | TS EN 12311-1 | N/50 mm | min | 600/400 |
| Elongation (MD/CD) | TS EN 12311-1 | % | min | 30/30 |
| Impact Resistance | TS EN 12691 Mtd.A | mm | min | 2000 |
| Resistance to Static Loading | TS EN 12730 Mtd.A/Mtd.B* | kg | min | 20* |
| Shear Resistance of Joints | TS EN 12317-1 | N/50 mm | ±20% | 550 |
| Peel Resistance of Joints | TS EN 12316-1 | N/50 mm | ±30% | NPD |
| Tearing Resistance (with nail) | TS EN 12310-1 | N/50 mm | ±20% | NPD |
| Reaction to Fire | TS EN 11925-2 | class | | E |
| External Fire Performance | ENV 1187-2 | class | | NPD |
| Form stability under cyclical temp. changes | TS EN 1108 | | | NPD |
| Water Vapor Properties | TS EN 1931 | | min | 20000 |
| Watertightness After Stretching | TS EN 13897 | | | NPD |
| Resistance to Root Penetration | EN 13948 | | | NPD |
| Artificial Ageing +Cold Flexibility | TS EN 1296 / TS EN 1109 | °C | 0+10 | NPD |
| Artificial Ageing +Flow Resistance | TS EN 1296 / TS EN 1110 | °C | 0+10 | NPD |
| Artificial Ageing +Watertightness | TS EN 1296 / TS EN 1928 | 2 kPa/60kPa* | | pass |
| Adhesion on Granules | TS EN 12039 | % | max | NPD |
| Resistance of Chemicals | TS EN 1847 | | | NPD |
| Dangerous Substances | - | one/none | | none |