# Elastoval Mineral PL F




| | |
|---|---|
| **Description** | High performance SBS elastomeric bitumen BRoofT2 membrane with fire retardant agent for roofing works. This product is designed as single layer for roofing systems. |
| **CE** | Single layer for roofing systems according with EN13707. |
| **Field of use** | Exposed not-accessible roofs, technical roofs exposed or under heavy protection. |
| **Certifications and Agreements** | External Fire performance BRoofT2 for 2-layer system for combustible and non-combustile substrate. CE marking - FPC certificate number 1370-CPR-0042 |
| **Composition** | **Top Surface**: Mineral slate or Granules<br>**Back Surface**: Film<br>**Reinforcement**: Polyester reinforced with fiber glass |
| **Method of application** | Fully torch applied |

**Dimension and packaging**

| **Elastoval Mineral** | **4PL F** |
|---|---|
| Thickness (mm) | 4,0 |
| | on selvedge |
| Weight (kg/m2) | - |
| Rolls (m) | 1X8 |

| Property | Test Method | Unit | Value | Tollerance |
|---|---|---|---|---|
| Lenght | EN 1848-1 | m | 8,0 | -1% |
| Width | EN 1848-1 | m | 1,0 | -1% |
| Thickness on selvedge | 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) | 875/750 | -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) | 250/250 | -30% |
| Static load | EN 12 730 | Kg | 20 | ≥ |
| Resistance to impact | EN 12691 | mm | 1250 | ≥ |
| Joints Shear resistance | EN 12317-1 | N / 50mm | 700/600 | -20% |
| Flexibility at low temperature | EN 1109 | (°C) | -25 | ≤ |
| Flow resistance at elevated temperature | EN 1110 | (°C) | 100 | ≥ |
| Flow resistance at elevated Temperature after thermal aeging | EN1296 EN 1110 | (°C) | 90 | -10 |
| Dimensional stability | EN 1107-1 | % | ±0,3 | ≤ |
| Watertightness | EN 1928-B | kPa | 60 | ≥ |
| Mineral surface adhesion | EN 12039 | % | 30 | ≤ |
| Reaction to fire | EN 13501-1 | - | E | - |
| External fire performance (1) | EN 13501-5 | - | BRoof T2 | - |

| | |
|---|---|
| (1) | 2-layer system with 1-bitume layer 2kg/m2 for combustible and non combustible substrate |
| 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. |