

Viapol Bravo HP Polyester CE

Description : elastomeric polymer bitumen membrane BPE, compound in distilled bitumen modified with high molecular weight polymer, reinforced with nonwoven polyester fabric

Field of Application : base or intermediate layer in a multi-layer waterproofing system - top layer, under heavy protection, in a multi-layer, light traffic, waterproofing system - below grade foundations and walls

Method of Application : torched-on

Applicable Directive : EN 13707 - EN 13969

Dangerous Substances : the product does not contain asbestos or tar

| CHARACTERISTIC | EN DRC | UNIT | VALUE | | TOL |
|--|------------|-------------------|----------------|-------|---------|
| Visible Defects | EN 1850-1 | ----- | pass | | ----- |
| Thickness | EN 1849-1 | mm | 3 / 4 / 5 | | -10% |
| Areic Mass | EN 1849-1 | kg/m ² | | | npd |
| Width and Length | EN 1848-1 | m | 1,00 | 10,00 | -1% |
| Straightness | EN 1848-1 | mm | max 20 | | pass |
| Max Tensile Force (L / T) | EN 12311-1 | N/5cm | 600 | 400 | -20% |
| Elongation (L / T) | EN 12311-1 | % | 40 | 40 | -15 abs |
| Resistance to Tearing (L / T) | EN 12310-1 | N/5cm | 140 | 140 | pass |
| Resistance to Static Loading | EN 12730-A | kg | 15 | | pass |
| Resistance to Impact | EN 12691 | mm | 800 | | pass |
| Joint Strenght (L / T) | EN 12317-1 | N/5cm | | | npd |
| Peel Resistance of Joint | EN 12316-1 | N/5cm | | | npd |
| Pliability (Cold Flexibility) | EN 1109 | °C | -20 | | pass |
| Pliability (Aged) | EN 1296 | °C | | | npd |
| Uv Ageing (Visible Defects) | EN 1297 | ----- | | | npd |
| Watertightness | EN 1928 | kPa | 60 | | pass |
| Water Vapour Permeability | EN 1931 | μ x 1.000 | 20 (default) | | npd |
| Water Vapour Permeability (Aged) | EN 1296 | μ x 1.000 | | | npd |
| Flow resistance (New / Aged) | EN 1110 | °C | 100 | | pass |
| Dimensional Stability (L / T) | EN 1107-1 | % | -0,50 | +0,50 | pass |
| Root Resistance | EN 13948 | ----- | | | npd |
| External Fire Performance | EN 13501-5 | class | F(roof) | | npd |
| Reaction to Fire | EN 13501-1 | class | F | | npd |
| Adhesion of Granules (Mineral Version) | EN 12039 | % | | | npd |

| | | | | | | |
|--------------------|----------------|--|-------|----|----|----|
| Topside Finish | | polypropylene surface fabric "Uptex" | | | | |
| Underside Finish | | thermo-fusible polyethylene / polypropylene film | | | | |
| Pallet composition | Thickness | mm | 2 | 3 | 4 | 5 |
| | Rolls x Pallet | n° | ----- | 30 | 25 | 20 |
| Packaging | | shrinkable polyethylene film, on pallet | | | | |
| Additional info | | " Polymer Bitumen Membrane Info Sheet ", current release | | | | |

technical data declared may vary without previous notice

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