

Monarperm TP 110

Preliminary

Application:

Monarperm TP 110 is a breathable underlay for walls. It is suitable for back vented facing construction as wind barrier. It is suitable for use with brick cladding, weatherboarding, tile-hanging and sheet cladding systems.

Properties:

Monarperm TP 110 is a laminated 2 layers product. It is air tight membrane and has low Sd value and has water tightness class W1.

| Product data | | | | |
|--------------------------------|---|--------------|-------------|--|
| Built-up | | | | |
| Layer 1 | PP non woven UV stable | | | |
| Layer 2 | TPE black with UV stabilizer | | | |
| Colour | Black | | | |
| Application | Underlay for walls | | | |
| Technical data | Unit | Value | Tolerance | Test method |
| Weight | g/m ² | 110 | - 5% / +10% | EN 1849-2 |
| Thickness | mm | 0,40 | ± 50µm | EN 1849-2 |
| Length | m | 50 & 100 | +1½% - ½% | EN 1848-2 |
| Width | m | 1,50 & 3 | +1% - 0,0% | EN 1848-2 |
| Tensile strength | N/50 mm | > 150 (MD) | | EN 12311-1 |
| | | > 110 (TD) | | EN 12311-1 |
| Elongation | % | Min. 50 (MD) | | EN 12311-1 |
| | | Min. 50 (TD) | | EN 12311-1 |
| Nail tear resistance | N | > 110 (MD) | | EN 12310-1 |
| | | > 140 (TD) | | EN 12310-1 |
| Dimensional stability | % | < 0,1 (MD) | | EN 1107-2 |
| | | < 0,1 (TD) | | EN 1107-2 |
| Cold bend | °C | -20 | | EN 1109 |
| Sd value* | m | 0,1 | ±0,05 | EN 12572 Method C |
| Water tightness* | Class | W1 | | EN 1928 Method A |
| Resistance to air penetration | m ³ /(hxm ² x50 Pa) | 0,000 | | EN 12114 |
| Fire classification | Class | F | | EN 13501-1 |
| Ageing after EN 1297 & EN 1296 | | | | |
| Tensile strength | N/50 mm | (MD) | | EN 12311-1 |
| | | (TD) | | EN 12311-1 |
| Elongation | % | (MD) | | EN 12311-1 |
| | | (TD) | | EN 12311-1 |
| Water tightness | Class | | | EN 1928 Method A |
| Classification | Underlay for walls – EN 13859-2 | | | |
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* Internal test