

Product Technical Information

ITA / ATEXP / 575

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Revision 2 – 16/02/10

MONARPLAN D

DESCRIPTION AND SCOPE OF APPLICATION

Single ply PVC-P roofing membranes for the details used in flat and sloped roof.

Monarplan D is being used for detailing in roof systems for flat and sloped roof over building. Connections are made with structural elements of rigid PVC or with metal plate coated with PVC sheeting (plasticized).

Monarplan D can be welded by hot air (preferred method) or THF solvent (fluid).

Conform to European standard EN 13956 and UEAtc and EOTA certification.

COMPOSITION

| | |
|---------------|---|
| Material | PVC-P, not bitumen resistant. Flame retardant. |
| Reinforcement | none |


DIMENSIONAL CHARACTERISTICS

| | |
|----------------------------|---|
| Thickness (mm) | 1,5 |
| Weight (g/m ²) | 2000 |
| Width (cm) | 150 |
| Length (m) | 20 |
| Colour | back and top : mouse grey (652, RAL 7001) |

PERFORMANCES

| KIND OF TESTS | Reference Norm | Units | Nominal values |
|----------------------------------|---------------------------|-------------------|----------------|
| Tensile strength | EN 12311-2 | N/mm ² | ≥ 10 |
| Elongation at break | EN 12311-2 | % | ≥ 250 |
| Tear strength | EN 12310-2 | N/mm | ≥ 30 |
| Low temperature flexibility | EN 495-5 | °C | ≤ -35 |
| Dimensional stability 6h at 80°C | EN 1107-2 | % | ≤ 2.0 |
| UV ageing | EN 1297 (UV-A) / EN 495-5 | After 1000hrs | ≤ -35 |
| Heat ageing 6 months at 70°C | EN 1296 / EN 495-5 | °C | ≤ -35 |
| Reaction to fire | EN 13501-1 | | Class E |

ISO 9001 REFERENCE DOCUMENT

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| Our company has been awarded the ISO 9001 certificate for all its establishments in France |  |
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