

TECHNICAL SPECIFICATION SHEET

ARTÍCULO

THREE-LAYER ROOF MEMBRANE

SCHEME



CHARACTERISTICS

Length (EN 1848-2): **50 m (± 0,5 m)**

Width (EN 1848-2): **1,5 ó 0,375 m (± 0,015 m)**

Thickness (EN 1849-2): **0,4 mm (± 0,1 mm)**

Rectitude (EN 1848-2): **according**

Mass/ud of surface (EN 1849-2): **140 g/m² (-5 +12 g/m²)**

Traction properties:

Maximun traction force (EN 12311-1 EN 13859-1): **MD 260 N/50mm (-25 N/50mm) / CD 170 N/50mm (-25 N/50mm)**

Elongation (EN 12311-1 EN 13859-1): **MD 45% (-15; +20%) / CD 70% (-20; +30%)**

Resistance to tear (EN 12310-1 EN 13859-1/B): **MD 120 N (-30 N) / CD 140 N (-35 N)**

Resistance to water penetration (EN 1928): **W1**

Water vapor transmission properties (EN 12572/C): **Sd = 0,02 m (± 0,015 m)**

Resistance to air penetration (EN 12114): **0,02 m²/m².h.100 Pa**

Reaction to fire (EN 13501-1): **E, con fondo de compuesto aislante**

Flexibility at low temperatures (EN 1109): **a -20°C conforme**

Artificial aging through long-term exposure in combination with UV radiation and high temperature and heat (annex C, E 13859-1)

Resistance to water penetration: **W1**

Change of tensible strength: **<20%**

Change of elongation: **<45%**

DESCRIPTION

Waterproof and breathable membrane under roof tile, manufactured by thermally welding external layers of nonwoven polypropylene and an inner layer of microporous polypropylene film for a roof construction. It can also be used for the construction of a vertical wall as a barrier against the wind. It can be applied in direct contact with thermal insulation with recommended overlap. This product does not contain dangerous substances.