



## JUTAFOL D 110 SPECIAL

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EN 13859-1

Vapour permeable roof foil consisting of polyethylene sheet reinforced with a tear-resistant mesh for ventilated pitched roof constructions. The roof foil must not be applied directly on timber sarking or in direct contact with thermal insulation and it needs to be installed with the recommended overlap.

This product does not contain any dangerous substances.

Length (EN 1848-2) 50m ( $\pm 0,5m$ )

Width (EN 1848-2) 1,5m (0,15m)

Thickness (EN 1849-2) 0,22mm( $\pm 0,02mm$ )

Straightness (EN 1848-2) conforming

Mass per unit area( EN 1849-2) 110g/m<sup>2</sup> ( $\pm 6g/m^2$ )

Tensile properties:Maximum tensile force (EN 12311-1 EN 13859-1)  
MD 230N/50mm(-10N/50mm) / CD 200 N/50mm(-10N/50mm)

Tensile properties:Elongation (EN 12311-1 EN 13859-1)  
MD 25%(-10 +20%) / CD 20%(-5 +20%)

Resistance to tearing (EN 12310-1 EN 13859-1/B)  
MD 180N (-15N) / CM 160N (-15N)

Resistance to water penetration(EN 13111)  
W2

Water vapour transmission properties (EN 1931)  
 $s_d=2m(\pm 0,4m)$

Reaction to fire (EN 13501-1)  
D

Flexibility at low temperature ( EN 1109 / -20°C)  
conforming

Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat (annexe C, E 13859-1)  
-resistance to water penetration W2  
- change tensile strength <30%  
- change elongation <30%

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