



Hermann Technoplast GmbH Xantener Str. 7 D-41460 Neuss



**STARKE DACH 120**  
Hermann Technoplast

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EN 13859-1

Breather waterproof roof membrane manufactured by lamination outer layers of spunbonded polypropylene and inner layer of polypropylene microporous meets the specific requirements for use as supported or unsupported pitched roof construction for both applications, timber sarking or directly over thermal insulation with recommended overlap. Product available with the built-in adhesive tape and without. This product does not contain any dangerous substances.

Length	EN 1848-2	50m (+/- 0,2m)
Width	EN 1848-2	1,5m (+/-3mm) or 3,0 (+/- 3mm)
Thickness	EN 1848-2	0,6 mm
Straightness	EN 1848-2	conforming
Mass per unit area	EN 1848-2	120g/m <sup>2</sup> (+/-10g/m <sup>2</sup> )
Roll size		1,5mx50mb=75m <sup>2</sup>
Pallet		40 rolls
Tensile properties:		
- maximum tensile force	EN 12311-1, EN 13859-1	MD 175N/50mm(+/-35N/50mm) / CD 110N/50mm(+/-30N/50mm)
- elongation	EN 12311-1, EN 13859-1	MD 75% (-/+20%) / CD 75% (+/-20%)
Tearing Resistance:	EN 12310-1, EN 13859-1/B	MD 85N/200mm (+/-25N/200mm ) / CD 120N/200mm (+/-30N/200mm)
Resistance to water penetration	EN 1928	W1
Water vapour transmission properties	EN 12572/C <=Sd=0,02m	<=Sd=0,02m
Resistance to penetration of air	EN 12114	0,02m <sup>3</sup> /m <sup>2</sup> .h. 50Pa
Reaction to fire	EN 13501-1	bottomed with insulation compound
Conforming	EN 1190	at -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	W1
Change tensile strength	< 6%/12%
Change elongation	< 31%/32%

*Ulrike Starkloff*

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