



GUTTAFOL DO 135 S

GUTTA WERKE SPA
VIE DELLE INDUSTRIE, 4, FILAGO, BERGAMO
ITALY

07

EN 13859-1

The base and safety hydroinsulation for fanfold roofing. It needs to be installed with the overlap of 10cm at least, the connection is recommended to be strapped up with a sticky tape. The product can be installed directly on the heat-insulation or on the timber sarking. It can be used as a windbarrier as well. The product is made of Polypropylen. It can be spread directly from the supplied package. This product does not contain any dangerous substances

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

Width (EN 1848-2) 1,5m ($\pm 0,015$ m)

Thickness (EN 1849-2) 0,5 ($\pm 0,1$ mm)

Straightness (EN 1848-2) conforming

Mass per unit area (EN 1849-2) 135g/m^2 ($-5+15\text{ g/m}^2$)

Tensile properties: Maximum tensile force (EN 12311-1 EN 13859-1)
MD 285 N/50mm (-30N/50mm) / CD 195N/50mm (-20N/50mm)

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

Resistance to tearing (EN 12310-1 EN 13859-1/B)
MD 120N/200mm (-12N/200mm) / CD 140N/200mm (-14N/200mm)

Resistance to water penetration (EN 1928)
W1

Water vapour transmission properties (EN 12572/C)
 $s_d = 0,02\text{m}$ ($+0,015\text{m}$)

Reaction to fire (EN 13501-1)
E, bottomed with insulating compound

Flexibility at low temperature (EN 1109) 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)
- change resistance to water penetration W1
- change tensile strength $<20\%$
- elongation $<50\%$

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