

BIOFELT[®] M 500

VAPOUR BARRIER BITUMINOUS UNDERLAY

Polypropylene finishing

Made in Italy by Silcart

Underlay for discontinuous roofing

Mechanical fixing

CHECKED CHARACTERISTICS	NORM	UNIT OF MEASURE	VALUE*
Mass per unit area	EN 13859-1	g/m ²	500±5%
Thickness	EN 1849-1	mm	0,75±15%
Tensile Strength	EN 13859-1	N/5cm	MD: 450±15% CD: 250±15%
Elongation	EN 13859-1	%	MD: 25-45% CD: 30-50%
Nail Tearing	EN 13859-1	N	MD: 150±15% CD: 170±15%
Resistance to water penetration	EN 13859-1		Class W1
Artificial Ageing	EN 13859-1		
Tensile Strength after ageing		N/5cm	MD: 440±15% CD: 245±15%
Resistance to water penetration after ageing			Class W1
Water impermeability	EN 20811	m	4 (average value) Minimum: 2
UV Resistance			4 Months
Water vapour transmission property	EN 13859-1	g/m ² x 24h m	WDD: 1,1±20% Sd:22±20% 23°C 0/75% RH
Dimensional stability	EN 13859-1 (80°C)	%	-0,5<ΔL<0,5
Flexibility at low temperature	EN 13859-1	°C	-40

For information regarding use, handling, storage and security see DOP

Product subject to CE mark according to EN 13859-1

Rev.08 08/18

*data from one production, they could be updated

NOTES

- ✓ The pallets are wrapped with plastic film, for this reason sudden changes of temperature can create condensation
- ✓ For products with self adhesive band see "TAPE products' specifications"
- ✓ Values must be considered for products applied in temperate zones at 200m on sea level
- ✓ For a better product performance a prompt covering of the underlay is suggested
- ✓ With contaminating agents product's characteristics are not guaranteed
- ✓ Variations in tonality of colors of non woven and print come within the standard production of materials
- ✓ UV resistance refers to the preservation of water penetration of the product
- ✓ The PP non woven layer is a surface finishing of light weight which can be damaged if exposed to UV rays, without compromising the product's performances

The data provided are average, indicative data relative to current production and may be changed and updated by SILCART S.p.A. at any time without any notice and at its own discretion. The recommendations and technical information provided derive from our fullest knowledge regarding the properties and uses of the product. However, considering the many possible uses and possible interference of other elements not within our control, we do not take any responsibility for any possible effects. The purchaser is specifically required to determine beforehand whether the product is suitable for the intended use and thus takes full responsibility for any damage and injury that could be caused thereby.