



TECHNICAL CHARACTERISTICS

| CHARACTERISTIC | TEST METHOD | UNITS | NOMINAL VALUES | TOLERANCES |
|---|--------------------|-------------------|-----------------------|--------------|
| Visible defects | EN 1850-1 | visible | Without defects | |
| Length | EN 1848-1 | m | 15,00 - 1% | MLV |
| Width | EN 1848-1 | m | 1,10 - 1% | MLV |
| Straightness | EN 1848-1 | mm | 20 mm x 10 m | MLV |
| Thickness | EN 1849-1 | mm | 3 | ± 5 % |
| Mass per u.a. | EN 1849-1 | Kg/sqm | 2,2 | ± 10 % |
| Tear Resistance (Longitudinal/Transversal) | EN 12310-1 | N | 500 / 400 | ± 20 % |
| Watertightness (B) | EN 1928 | kPa | > 600 | MLV |
| External fire performance | EN 13501-5 | Class | F roof | |
| Reaction to fire | EN 13501-1 | Class | E | |
| Dimensional Stability (Longitudinal/Transversal) | EN 1107-1 (met. A) | % | ± 0,3 | MLV |
| Shear resistance longitudinal / transversal | EN 12317-1 | N/50 mm | 500 / 400 | ± 20 % |
| Tensile Strength Longitudinal / Transversal | EN 12311-1 | N/50 mm | 600 / 600 | ± 20 % |
| Elongation at break Longitudinal / Transversal | EN 12311-1 | % | 50 / 80 | ± 15 absolut |
| Resistance to impact | EN 12691 | mm | 1250 | MLV |
| Resistance to static loading Method A | EN 12730 | Kg | 25 | MLV |
| Resistance to static loading Method B | EN 12730 | Kg | 25 | MLV |
| Resistance to root penetration | EN 13948 | Visible | Pass | MLV |
| Flexibility at low temperature | EN 1109 | °C | -20 | MLV |
| Flow resistance at elevated temperature | EN 1110 | °C | 130 | MLV |
| Durability of watertightness against chemicals | EN 1847 / EN 1928 | Kpa | 600 | MLV |
| Artificial Ageing by long time exposure to UV ray combined to high temperature and heat. Resistance to water penetration. | EN 1296 / EN 1928 | Class | 600 | MLV |
| Determination of water vapour transmission properties - Water vapour resistance factor (μ) | EN 1931 | - | 120.000 | MLV |
| Determination of water vapour transmission properties - Water vapor diffusion (Sd) | EN 1931 | m | 240 | MLV |
| Adhesive Tensile Strength to the concrete | EN 1348 | N/mm ² | > 0,150 | MLV |
| Radon permeability (k) | SP method 3873 | m ² /s | 7,5 10 ⁻¹² | MLV |
| Minimum value of recycled content | UNI EN 14021 | % | 13 | MLV |

FURTHER INFORMATION

| | |
|----------------------|---|
| Notification code | 1381 |
| Certificate number | 1381-CPR-381 |
| Reference norme | EN 13707 / EN 13969 |
| Reinforcement | Non-woven polyester fabric reinforced with glass fibers in the longitudinal and transversal direction. |
| Compound | Innovative H.R.C. (High Recycled Content) compound with a specific formulation consisting of bitumen modified with high quantities of special polymers coming from the most modern recycling plants. Specially selected by General Membrane's Research and Development laboratory, these polymers guarantee excellent compatibility with bitumen, maintaining the same performance of the classic bituminous waterproofing compounds and lowering environmental impact. |
| Surface Finishing | Upper surface: swelling non-woven fabric reactive with the water. Lower surface: gextex, polypropylene textured film. |
| Application method | GREENTANK FB pre-applied membrane is used for waterproofing under the slab and for foundation walls, fixing the membrane on a retaining wall or on formworks, before casting the concrete. For all other foundation walls that can be accessed directly on the outside of the building, the waterproofing will be completed after curing the concrete on the external side. |
| Field of application | Foundation and tanking |



Legenda:

7b - Membranes for stopping the humidity - type T

In terms of the Italian Ministerial Decree n° 65 of 14th March 2003, which sets out 'Classification, labelling and packaging of dangerous preparations in execution of the Directives issued by the Council and by the Commission of the European Community' the product does not contain dangerous elements. All membranes made by GENERAL MEMBRANE SpA are manufactured by using unblown asphalt and do not contain tar from coal, asbestos, chlorine, used and/or re-refined, are recyclable and are not dangerous waste. The release of a safety data sheet for this product is not compulsory, in any case an informative document is available for the correct use of the product.



www.generalmembrane.it

