



Product Name

TRASPIRANTE 500 SAND 1x30Prod. Date:
5/11/2019N° Batch:
949213-949218

Norm Certificate

	Norm	Certificate	N° layers			Method of application						Type of application			Type				
			Single Layer	Double Layer	Multilayer	Torch	Hot Air	Mixed (Torch / Air)	Cold Bond Glue	Mechanical Fixing	Thermo Adhesive / Self Adhesive	Fully Bonded	Partially Bonded	Loose Laid	Complimentary Layer	Top Layer	Heavy Protection	Anti-root	Other Uses
Roof																			
Under tiles	EN13859-1			•	•	•										•			
Vapour Barrier																			
Damp proof																			
Bridge Decks																			

Technical characteristics	Norm	Unit	Values	Test Report	Tolerances
Type of compound			APP		
Type of reinforcement			Reinforced Polyester		
Finish upper face			Sand		
Finish lower face			Pe Film		
Watertightness	EN 1928	kPa	60	pass	≥
Length	EN 1848-1	m	30	30,02	±1%
Width	EN 1848-1	m	1	1,01	±1%
Cold flexibility	EN 1109	°C	-10	-15	≤
Visible defects	EN 1850-1		NO	no	
Cold flexibility after ageing	EN 1296+EN 1109	°C	5	-	≤
Flow resistance	EN 1110	°C	100	pass	≤
Flow resistance after ageing	EN 1296+EN 1110	°C	100	-	≤
Shear strenght of joints L	EN 12317-1	N/5 cm	400	-	±20%
Shear strenght of joints T	EN 12317-1	N/5 cm	200	-	±20%
Tensile strength L	EN 12311-1	N/5 cm	500	568	±20%
Tensile strength T	EN 12311-1	N/5 cm	300	292	±20%
Elongation at break L	EN 12311-1	%	15	5,1	±15 ABS
Elongation at break T	EN 12311-1	%	15	7,6	±15 ABS
Nail tear strength L	EN 12310-1	N	150	151	±30%
Nail tear strength T	EN 12310-1	N	150	158	±30%
Static puncture resistance	EN 12730	kg	10	10	≥
Dynamic puncture resistance	EN 12691	mm	700	700	≥
Dimentional stability	EN 1107-1	%	0,3	-0,18 / + 0,08	≤
Fire resistance	EN 13501-5		F ROOF	F ROOF	
Fire reaction	EN 13501-1		F	F	

Manufactory Factory:

The rolls shall be stored in an upright position, preferably indoors in a dry and ventilated conditions and shall be protected from extreme cold, temperature should be above 0°C, to avoid possible deformation and or embrittlement of the same drainage system.

The rolls shall be stored in their original packaging and not stacked more than two pallets high, using appropriate wooden spacers.

The materials on stock should be rotated following a first in first out rotation

The rolls shall be kept in a warm or heated storage area during application, should the workability of the material deteriorate or become stiff and difficult to install during application, these should be returned to the heated storage area and substituted with new rolls

The rolls that are temporarily stored on the roof before application, shall be kept elevated by being left on their own pallets and shall be covered and protected from the weather

The application surface must be smooth, free of moisture, ponding water and dust, the area must be provided with an adequate drainage system (minimum slope shall be 1,5%)

The application surface shall be primed with a bituminous based product and allowed to dry prior to application, do not apply in adverse weather conditions or in the presence of imminent rain

In case of application on vertical (higher than 2 meters) or considerable slopes, appropriate mechanical fixings should be taken into consideration

The minimum application temperature is + 5°C

The material without mineral self-protection and used as a top layer (cap sheet) can be painted with an aluminum coating to improve and extend the performance and life expectancy, the material

should be allowed to oxidize approx. 3-6 months before being coated

The pallets on which the rolls are packaged are intended for normal warehouse use.

* It is impossible to guarantee the color uniformity on self protected mineral membranes as the suppliers of the same do not provide any also. All self protected mineral finished membranes undergo color variations over time due to the exposure to atmospheric agents. Normally these variations in time will gradually become uniform.