



06 Notified body 0958 DDT 00 0 5512 date 8/11/2006

Product name TECH 500 PA 5.0 KG/M2 * M 1X8 MT (MEMB.BIT.)

PE
NE
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	Roof waterproofing	Under tiles	Vapour barrier	Dump roof
Norm Certificate	EN13707 0958-CPD-DK029	EN13859-1		

Single layer	
Double layer	x
Multi layer	x

Complimentary layer	
Top layer	x

Fully bond	x
Partially bond	
Loose laid	
Heavy protection	
Antiroot	

Torch applied	x
Hot air	
Mix (torch / hot air)	
Cold adhesive	
Mechanical fix	
Thermoadhesive/ Self adhesive	

Technical characteristics	Norm	Unit	Values	Tolerances
Type of compound			SBS	
Type of reinforcement			Polyester	
Finish upper face			Mineral slate	
Finish lower face			Film PE	
Watertightness	EN 1928	kPa	60	
Length	EN 1848-1	m	8	-1%
Width	EN 1848-1	m	1	-1%
Mass per unit area	EN 1849-1	Kg/m2	5	-10%
Cold flexibility	EN 1109	°C	-15	
Cold flexibility after ageing	EN 1296	°C	-5	+15°C
Flow resistance	EN 1110	°C	100	
Tensile strength L/T	EN 12311-1	N/5cm	600 / 500	-20%
Elongation at break L/T	EN 12311-1	%	35 / 35	-15 ass
Nail tear strength L/T	EN 12310-1	N	150 / 150	-30%
Resistance to fire	EN 13501-5		F ROOF	
Reaction to fire	EN 13501-1		F	
Tensile strength after ageing L/T	EN 1296	N/5cm	NPD / NPD	-20%
Elongation at break after ageing L/T	EN 1296	%	NPD / NPD	-15 ass
Watertightness after ageing	EN 1296	kPa	60	

In compliance with D.Lgs. 285/98 the product does not contain dangerous substances

Recommendations:

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 s hould 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