



TECHNICAL DATA SHEET

RENOLIT ALKORPLUS GEOTEXTILE FLEECE – Type 81006 005/ 006/ 007

Application:

The RENOLIT ALKORPLUS Geotextile fleece 81006 005/006/007 is used as a separation layer between the reinforced membrane RENOLIT ALKORPLUS and the support.

Description:

The RENOLIT ALKORPLUS Geotextile fleece 81006 005/006/007 is a calandered 100% virgin polypropylene felt, UV stabilized. It has gone through an anti-microorganism *Sanitized*[®] treatment. Thanks to its high density, it reduces notably when rehabilitating swimming pools, the membrane marks the picture of the ceramic or tile installed in the old basin.

Placement:

This product is composed of innocuous Polypropylene fibres, with a neutral pH and a specific weight of 0,91 kg/dm³. The installation of the RENOLIT ALKORPLUS Geotextile is done using RENOLIT ALKORGLUE contact glue (type 81045 001), to fix it to the support of the swimming pool.

Technical Data:	81006 005	81006 006	81006 007	Test Method
Material	Polypropylene (PP)	Polypropylene (PP)	Polypropylene (PP)	
Weight	400 g/m ² ± 10 %	400 g/m ² ± 10 %	400 g/m ² ± 10 %	EN ISO 9864
Thickness	2,4 mm at 2 kPa 2,1 mm at 20 kPa 1,7 mm at 200 kPa	2,4 mm at 2 kPa 2,1 mm at 20 kPa 1,7 mm at 200 kPa	2,4 mm at 2 kPa 2,1 mm at 20 kPa 1,7 mm at 200 kPa	EN ISO 9863-1
Tensile Strength	20 kN/m	20 kN/m	20 kN/m	EN ISO 10319
Elongation	70 % ± 15 %	70 % ± 15 %	70 % ± 15 %	EN ISO 10319
Energy Absorption Index	7 kJ/m ² ± 10 %	7 kJ/m ² ± 10 %	7 kJ/m ² ± 10 %	
Static Puncture Resistance	3.350 N ± 10 %	3.350 N ± 10 %	3.350 N ± 10 %	EN ISO 12236
Pyramidal Puncture Resistance	400 N ± 10 %	400 N ± 10 %	400 N ± 10 %	EN 14574
Effective Pore Opening	55 µm ± 15 %	55 µm ± 15 %	55 µm ± 15 %	EN ISO 12956
Water permeability	23 l/(m ² .s) ± 15 %	23 l/(m ² .s) ± 15 %	23 l/(m ² .s) ± 15 %	EN ISO 11058
Physical Features				
Width	150 cm	165 cm	200 cm	
Length	50 m	50 m	50 m	
Colour	Azul	Azul	Azul	
Advantages				
High resistance to concrete, metal and plastics				
High resistance to acids and alkalis				
High resistance to deformation by pressure				
Supports any drilling avoiding fraying or fiber getting wound in the drilling bit.				
Antibacterial treatment				
High resistance to fresh water and sea water				

April 7, 2017