

PLASTIFLEX GLB 2,0 mm.

**PVC WATERPROOFING MEMBRANE UV RESISTANT FOR
WATER RESERVOIRS – ARTIFICIAL LAKES - CHANNELS**

DATA SHEET

PHYSICAL – MECHANICAL PROPERTIES			
TEST	SPECIFICATION	UNIT	VALUE
THICKNESS	UNI EN 1849-2	mm	2,00 ± 5 %
SPECIFIC WEIGHT	UNI EN 1849-2	Kg/m ²	2,70
TENSILE STRENGTH	UNI EN ISO 527-3	MPa	> 17
ELONGATION AT BREAK		%	> 300
WATER PERMEABILITY	UNI EN 14150	< 10 ⁻⁶ m ³ /m ² /d	
FLEXIBILITY AT	UNI EN 495-5 - 40°C.	No failure or crack	
RESISTANCE TO ROOTS	UNI CEI/TS 14416	No penetration and crossing by the roots	
DIMENSIONAL STABILITY	UNI EN 1107-2	%	< ± 1 %
TEAR STRENGTH	UNI ISO 34-1 meth. B	kN/m	> 50
RESISTANCE TO ACID , ALKALINE , SALT SOLUTION (28 days at 23°C)	DIN 16726 5.18	%	< - 20
PUNCTURE RESISTANCE	UNI EN 12691	mm	≥ 2000
RESISTANCE TO HEAT	DIN 16726 5.13 (7 dd at 80°C)	%	< - 20
FIRE RESISTANCE	UNI EN ISO 11925-2	Class E	
UV PROTECTION	<ul style="list-style-type: none"> membrane containing barrier additives (Titanium based UV absorber and composites) for wavelengths between 280 and 700 nm (Ultra Violet radiation and visible spectrum protection). 		

Thickness	Width	Length
1- 3 mm	2,10 mt	As required

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