



TS EN 13967

## PVC MEMBRANE P 150

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<b>PRODUCT DESCRIPTION</b>	Homogeneous PVC, artificial lakes and ponds membrane. The material is resistant to direct weather effects, plant roots and chemicals and to UV radiation			
<b>PRODUCT COMPOSITION</b>	PVC, coloring substances, filler and chemicals			
<b>USAGE</b>	Artificial lakes and ponds, irrigation canals, dams and water structures			
<b>APPLICATION METHOD</b>	Applied with special welding machines			
<b>TOP SURFACE</b>	Grey signal layer			
<b>BOTTOM SURFACE</b>	Grey signal layer			
<b>STORAGE</b>	Keep away from direct sunlight			
<b>ECOLOGICAL DATA</b>	Can be used in natural atmosphere			
<b>STANDART DIMENSIONS</b>	Width: 2,2 m / Length: 20 m			
TEST	METHOD	UNIT	TOLERANCE	VALUES
VISIBLE DEFECTS	EN 1850-2	-	-	PASS
THICKNESS	EN 1849-2	mm	±%5	1,5
WATER PERMEABILITY	EN 1928	-	-	Waterproof
WATERTIGHTNESS TO LIQUID WATER	EN 1296, EN 1928	-	-	Waterproof
TENSILE STRENGTH (Transverse / Longitudinal)	EN 12311-2 (Method B)	N/mm <sup>2</sup>	Min.	15 / 16
ELONGATION AT BREAK (Transverse / Longitudinal)	EN 12311-2 (Method B)	%	Min.	250 / 250
RESISTANCE TO IMPACT	EN 12691	mm	Min.	450
TEAR RESISTANCE (NAIL SHANK)	EN 12310-1	N	Min.	300
RESISTANCE TO STATIC LOAD	EN 12730	kg	-	≥ 20
REACTION TO FIRE	EN 13501-1	-	-	E
JOINT STRENGTH	EN 12317-2	N/50mm	Min.	600
JOINT PEEL RESISTANCE	EN 12316-2	N/50mm	Min.	180
DIMENSIONAL STABILITY	EN 1107-2	%	-	≤ 2
EFFECTS OF LIQUID CHEMICALS, INCLUDING WATER (28 days/23°C)	EN 1847, EN 1928, Method B	-	-	Resistant
DETERMINATION OF WATER VAPOR TRANSMISSION	EN 1931	μ	-	≥ 18.000 ± 30 %
FOLDABILITY AT LOW TEMPERATURE	EN 495-5	°C	Min.	-20

\* For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet

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The manufacturer reserves the right to modify, at any time, the characteristics of its products