



TS EN 13967

PVC MEMBRANE P 200

Document number: PDS-016-10

Publication Date: 03.04.2019 Revision date: 25.10.2022

PRODUCT DESCRIPTION	Homogeneous PVC, artificial lakes and ponds membrane. The material is resistant to direct weather effects, plant roots and chemicals and to UV radiation			
PRODUCT COMPOSITION	PVC, coloring substances, filler and chemicals			
USAGE	Artificial lakes and ponds, irrigation canals, dams and water structures			
APPLICATION METHOD	Applied with special welding machines			
TOP SURFACE	Grey signal layer			
BOTTOM SURFACE	Grey signal layer			
STORAGE	Keep away from direct sunlight			
ECOLOGICAL DATA	Can be used in natural atmosphere			
STANDART DIMENSIONS	Width: 2,2 m / Length: 20 m			
TEST	METHOD	UNIT	TOLERANCE	VALUES
VISIBLE DEFECTS	EN 1850-2	-	-	PASS
THICKNESS	EN 1849-2	mm	±%5	2
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 ²	Min.	17 / 18
ELONGATION AT BREAK (Transverse / Longitudinal)	EN 12311-2 (Method B)	%	Min.	300 / 300
RESISTANCE TO IMPACT	EN 12691	mm	Min.	800
TEAR RESISTANCE (NAIL SHANK)	EN 12310-1	N	Min.	400
RESISTANCE TO STATIC LOAD	EN 12730	kg	-	≥ 20
REACTION TO FIRE	EN 13501-1	-	-	E
JOINT STRENGTH	EN 12317-2	N/50mm	Min.	800
JOINT PEEL RESISTANCE	EN 12316-2	N/50mm	Min.	220
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

BF/14-17-0

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