

TECHNICAL DATA SHEET

Name and address of manufacturer	: PROTAN TURKEY YALITIM SİSTEMLERİ SAN. VE TİC. A.Ş. : G.O.S.B. İhsandede Caddesi No:111/1 Gebze/KOCAELİ / TÜRKİYE
Product trade name	: PROTAN MAVİSU
Description	: PVC Drinking Water Storage Isolation and basement tanking membrane, homogenous,incompatible : with bitumen
European Standart	: EN 13967
Type of application	: Damp proof sheets Type A and basement tanking
Standart dimensions	: Width : 1620 mm : Length : 20 m

CHARACTERISTICS	MANUFACTURER'S LIMITING VALUE	TEST RESULT	UNIT	TEST METHODS
		1,50 mm		
THICKNESS	MDV	1,50 ± %5	mm	EN 1849-2
WATER PERMEABILITY	Waterproof	Waterproof	-	EN 1928
WATER TIGHTNESS TO LIQUID WATER	Waterproof	Waterproof	-	EN 1296 and EN 1928
RESISTANCE TO STATIC LOADING	≥ 20	≥ 20	kg	EN 12730
TENSILE STRENGTH	Machine Direction ≥ 15	Machine Direction ≥ 17	N/mm ²	EN 12311-2 (Method B - dumble)
	Cross Direction ≥ 15	Cross Direction ≥ 16		
ELONGATION AT BREAK	Machine Direction ≥ 250	Machine Direction ≥ 300	%	EN 12311-2 (Method B - dumble)
	Cross Direction ≥ 250	Cross Direction ≥ 300		
RESISTANCE TO IMPACT	≥ 450	≥ 800	mm	EN 12691
RESISTANCE TO TEAR (NAIL SHANK)	≥ 300	≥ 300	N	EN 12310-1
REACTION TO FIRE	CLASS E	CLASS E	-	CLASSIFICATION AFTER EN 13501-1
PEEL RESISTANCE OF JOINT	≥ 150	≥ 180	N/50mm	EN 12316-2
JOINT STRENGTH	≥ 600	≥ 800	N/50mm	EN 12317-2
DETERMINATION OF WATER VAPOR TRANSMISSION	≥ 18.000 ± 30 %	≥ 18.000 ± 30 %	μ	EN 1931
DIMENSIONAL STABILITY	≤ 2	≤ 2	%	EN 1107-2
FOLDABILITY AT LOW TEMPERATURE	-20	-20	°C	EN 495-5
VISIBLE DEFECTS	Pass	Pass	-	EN 1850-2
EFFECTS OF LIQUID CHEMICALS, INCLUDING WATER (28 DAYS / 23° C)	Resistant	Resistant	-	EN 1847, EN 1928, Method B

MDV / İBD = Manufacturer's Declared Value

TECHNICAL DATA SHEET

Name and address of manufacturer	: PROTAN TURKEY YALITIM SİSTEMLERİ SAN. VE TİC. A.Ş. : G.O.S.B. İhsandede Caddesi No:111/1 Gebze/KOCAELİ / TÜRKİYE
Product trade name	: PROTAN MAVİSU
Description	: PVC Drinking Water Storage Isolation and basement tanking membrane, homogenous,incompatible : with bitumen
European Standart	: EN 13967
Type of application	: Damp proof sheets Type A and basement tanking
Standart dimensions	: Width : 1620 mm : Length : 20 m

CHARACTERISTICS	MANUFACTURER'S LIMITING VALUE	TEST RESULT	UNIT	TEST METHODS
		1,50 mm		

This technical data sheet was prepared according to the latest technical knowledge and standards of Protan Turkey Yalıtım Sanayi ve Ticaret A.Ş./ Gebze, KOCAELİ TURKEY. Technical changes due to further developments are possible.