

**TECHNICAL DATA SHEET**

Name and address of manufacturer : PROTAN TURKEY YALITIM SAN.TİC.A.Ş.
G.O.S.B. İhsandede Caddesi No:111/G
Gebze/KOCAELİ / TÜRKİYE

Product trade name : PROTAN TML

European Standart : EN 13967

Description : PVC Damp proof sheet, homogenous, incompatible with bitumen respectively

Type of application : Damp proof sheets Type A and basement tanking sheets Type T

Standart dimensions : Width : 2200 mm
Length : 20 m

CHARACTERISTICS	TEST RESULT 1,50 mm	TEST RESULT 2,00 mm	UNIT	TEST METHODS
THICKNESS	1,50 ± %10	2,00 ± %10	mm	EN 1849-2 for EN 13967
WATER PERMEABILITY	Waterproof	Waterproof	-	EN 1928 for EN 13967
WATER TIGHTNESS TO LIQUID WATER	Waterproof	Waterproof	-	EN 1296 and EN 1928 for EN 13967
TENSILE STRENGHT	TRANSVERSE ≥ 14	TRANSVERSE ≥ 15	N/mm ²	EN ISO 527 for EN 13491 / EN 12311-2 for EN 13967
ELONGATION AT BREAK	LONGITUDINALLY ≥ 250	LONGITUDINALLY ≥ 300	%	EN 12311-2 for EN 13967
RESISTANCE TO IMPACT	≥ 500	≥ 750	mm	EN 12691 for EN 13967
RESISTANCE TO TEAR (NAIL SHANK)	≥ 350	≥ 400	N	EN 12310-1 for EN 13967
REACTION TO FIRE	CLASS E	CLASS E	-	CLASSIFICATION AFTER EN 13501-1 for EN 13967
JOINT STRENGHT	≥ 600	≥ 700	N/50mm	EN 12317-2 for EN 13967
PEEL RESISTANCE OF JOINT	≥ 175	≥ 200	N/50mm	EN 12316-2 for EN 13967
DIMENSIONAL STABILITY	≤ 2	≤ 2	%	EN 1107-2 for EN 13967
FOLDABILITY AT LOW TEMPERATURE	-20	-20	°C	EN 495-5 for EN 13967
VISIBLE DEFECTS	Pass	Pass	-	EN 1850-2 for EN 13967

MDV = Manufacturer's Declared Value

L = Machine Direction

T = Cross Direction

This technical data sheet was prepared according to the latest technical knowledge and standards of PROTAN TURKEY YALITIM SAN.TİC.A.Ş. / Gebze, KOCAELİ TURKEY. Technical changes due to further developments are possible.