



1390-CPD-0158/10/P

Name and address of manufacturer

Product trade name
Description

European standard
Type of application and roofing system
standard dimensions

Product Data Sheet

: MULTİPLAN YALITIM SİSTEMLERİ SAN.TİC.A.Ş.
G.O.S.B. İhsandede Caddesi No:82-83 Gebze/KOCAELİ
: MULTİPLAN TPO
: TPO Roofing Membrane with a synthetic fibre
reinforcement
: EN 13956
: Exposed application (mechanical fastened)
: Width: 1100 mm ; 1600 mm; 2000 mm
Thickness: 1,2 mm; 1,5 mm;1,8mm; 2,0mm.



Characteristic	Required / Min. Value	Statement	Unit	Test method
Visible defects	Pass	Pass	-	EN 1850-2
Water tightness	Pass	Pass	-	EN 1928 (B)
Reaction to fire	Class E	Class E	-	Classification after EN 13501-1
External Fire Performance	Broof (t1)	Pass	-	EN 13501-5
Peel resistance of joint	≥ 200	≥ 300	N/50 mm	EN 12316-2
Shear resistance of joint	≥ 600	≥ 800	N/50 mm	EN 12317-2
Tensile strenght	≥ 800	≥1100	N/50 mm	EN 12311-2
Elongation at break	≥ 15	≥ 20	%	EN 12311-2
Resistance to impact	≥ 400	≥700	mm	EN 12691 (A)
Resistance to static load	≥ 20	≥ 20	Kg	EN 12730 (B)
Tear resistance	≥ 180	≥ 300	N	EN 12310-2
Resistance to root penetration	Pass	Pass	-	EN 13948
Dimensional stability	≤ 1	≤ 1	%	EN 1107-2
Foldability at low temperature	≤ - 30	≤ - 30	°C	EN 495-5
UV exposure (1000 h)	Pass	Pass	-	EN 1297
Effects of liquid chemicals, including water (28 days / 23°C)	Pass	Pass	-	EN 1847
Hail Resistance	≥ 17	≥ 20	m/s	EN13583

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