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PRODUCT DATA SHEET



TS EN 13969

BITUPROOF Y (3.5 mm)

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PRODUCT DESCRIPTION	Modified bitumen tanking membrane for horizontal surfaces			
USAGE	First layer membrane in bitumen waterproof membrane tanking systems. Tip A - Tip T			
APPLICATION METHOD	Apply torch along overlaps.			
TOP SURFACE	Special mineral surfacing to ensure superb adhesion to Bituproof Protector which has to be installed as top layer.			
BOTTOM SURFACE	Polyethylene film			
COATING TYPE	Polyester			
STORAGE	Rolls to be stored upright and away from heat.			
ECOLOGICAL DATA	Can be used in natural atmosphere			
TEST	METHOD	UNIT	TOLERANCE	VALUES
Width	TS EN 1848 - 1	m	-0,02	1
Length	TS EN 1848 - 1	m	-0,03	10
Thickness	TS EN 1849 - 1	mm	±0,2	3,5
Unit Weight	TS EN 1849 - 2	kg/m ²	max.	4,5
Tensile Strength (Transverse)	TS EN 12311 - 1	N/5cm	±100	800
Tensile Strength (Longitudinal)	TS EN 12311 - 1	N/5cm	±100	800
Elongation at break (Transverse)	TS EN 12311 - 1	%	±10	40
Elongation at break (Longitudinal)	TS EN 12311 - 1	%	±10	40
Resistance to tearing (Transverse)	TS EN 12310 - 1	N	±50	250
Resistance to tearing (Longitudinal)	TS EN 12310 - 1	N	±50	250
Flexibility at low temperature	TS EN 1109	°C	min.	-20
Resistance to Impact	TS EN 12691 (METHOD A)	mm	min.	1000
Resistance to static loading	TS EN 12730 (METHOD B)	kg	min.	15
Shear resistance of joint	TS EN 12317 - 1	N/5cm	±100	700
Flow resistance at elevated temperature	TS EN 1110	°C	min.	100
Adhesion Strength	TS EN 12316 - 1	N/5cm	min.	100
Reaction to fire	TS EN 13501 - 1	-	-	E
Watertightness	TS EN 1928 (Method B 60 kPa)	-	-	pass
External Fire Performance	TS EN 1187	-	-	FROOF
Resistance to root penetration	TS EN 13948	-	-	NPD
Dangerous substances	-	-	-	none
Artificial aging	TS EN 1296 / TS EN 1928 (Method B 60 kPa)	-	-	pass
Resistance to chemicals	TS EN 1847 / TS EN 1928 (Method B 60 kPa)	-	-	pass

NPD = (No performance defined)

* 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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