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Bituminous Waterproofing Membranes Co.
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PRODUCT DATA SHEET



PE 4

TS EN 13707 - TS EN 13969

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PRODUCT DESCRIPTION	Elastomeric modified bituminous waterproofing membrane			
USAGE	Used as underlay and intermediate layer to waterproof terraces and roofs. It can also be used for waterproofing and damp proofing of underground structures, basement and storage tanks. Type A - Type T			
APPLICATION METHOD	Torched. Please refer to application booklet			
TOP SURFACE	Polyethylene Film			
BOTTOM SURFACE	Polyethylene Film			
REINFORCEMENT 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
Visible defects	TS EN 1850-1	-	-	NONE
Length	TS EN 1848-1	m	-0,03	10
Width	TS EN 1848-1	m	-0,02	1
Straightness	TS EN 1848-1	-	-	PASS
Unit of weight	TS EN 1849-1	kg/m ²	±%10	4
Watertightness	TS EN 1928 (method A 10kPa)	-	-	PASS
	TS EN 1928 (method B 60kPa)	-	-	PASS
Reaction to fire	TS EN 13501-1	SINIF	-	E
Shear resistance of joint	TS EN 12317-1	N/50mm	-	NPD
Water vapour transmission properties	TS EN 1931	-	min.	20.000
Tensile Strength (Longitudinal)	TS EN 12311-1	N/50mm	-%10 ; +%50	600
Elongation at break (Longitudinal)	TS EN 12311-1	%	(-0 ; +20)	35
Tensile Strength (Transverse)	TS EN 12311-1	N/50mm	-%10 ; +%50	400
Elongation at break (Transverse)	TS EN 12311-1	%	(-0 ; +20)	35
Resistance to Impact	TS EN 12691 (method A)	mm	min.	NPD
Resistance to static loading	TS EN 12730 (method B)	kg	min.	NPD
Resistance to tearing (Longitudinal)	TS EN 12310-1	N	±50%	200
Flexibility at low temperature	TS EN 1109 (top surface)	°C	min.	-20
	TS EN 1109 (bottom surface)	°C	min.	-20
Flow resistance at elevated temperature(<2mm)	TS EN 1110	°C	min.	100
Artificial Ageing	TS EN 1296/TS EN 1928 (Method B 60kPa)	-	-	PASS
Resistance to chemicals	TS EN 1847/TS EN 1928 (Method B 60kPa)	-	-	PASS
Dangerous substances	Doesn't contain asbestos or coal tar constituents.			

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

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

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