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Bituminous Waterproofing Membranes Co.
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PRODUCT DATA SHEET



POSEIDON PO
5000

TS EN 13707 - TS EN 13969

Document number :PDS-073-04

Publication Date :01st,June,2010 Revision date : 12th,Dec,2022

PRODUCT DESCRIPTION	Elastomeric and TPU additives bitumen based 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	Sand			
BOTTOM SURFACE	Polyethylene Film			
REINFORCEMENT TYPE	Special carrier with high stability and increased mechanical resistance			
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	8
Width	TS EN 1848-1	m	-0,02	1
Straightness	TS EN 1848-1	-	-	PASS
Thickness	TS EN 1849-1	mm	±0,2	4,5
Watertightness	TS EN 1928 (method A 10kPa)	-	-	PASS
	TS EN 1928 (method B 60kPa)	-	-	PASS
Dimensional Stability	TS EN 1107-1	%	max.	0,5
Water vapour transmission properties	TS EN 1931	-	min.	20.000
Tensile Strength (Longitudinal)	TS EN 12311-1	N/50mm	±%20	960
Elongation at break (Longitudinal)	TS EN 12311-1	%	±15	55
Tensile Strength (Transverse)	TS EN 12311-1	N/50mm	±%20	960
Elongation at break (Transverse)	TS EN 12311-1	%	±15	55
Resistance to tearing (Longitudinal)	TS EN 12310-1	N	min.	250
Adhesion Strength	TS EN 12316-1	N/50mm	min.	100
Shear resistance of joint	TS EN 12317-1	N/50mm	min.	800
Flexibility at low temperature	TS EN 1109 (top surface)	°C	min.	-20
	TS EN 1109 (bottom surface)	°C	min.	-20
	TS EN 1110	°C	min.	100
Flow resistance at elevated temperature(<2mm)	Artificial aging (EN 1296)	°C	(-10 ; +0)	100
Artificial aging	EN 1296 / TS EN 1928 (Method B 60kPa)	-	-	PASS
Resistance to chemicals	TS EN 1847/TS EN 1928 (Method B 60kPa)	-	-	PASS
External Fire Performance	ENV 1187-2	class	-	Broof
Reaction to fire	TS EN 13501-1	class	-	E
Resistance to Impact	TS EN 12691 (metod A)	mm	min.	1750
Resistance to static loading	TS EN 12730 (metod B)	kg	min.	20
Bond Strength	TS EN 13596	Mpa	min.	0,4
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

BF/14-17-0