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PRODUCT DATA SHEET



Shingle Roll Red Round

TS EN 13707

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USAGE	Top layer when used on habitable buildings together with underlayer membrane. Single layer application for nonhabitable garden buildings (such as sheds).			
TOP SURFACE	Mineral granules design			
BOTTOM SURFACE	Fine sand			
CARRIER 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	-1%	8
Width	TS EN 1848-1	m	-1%	1
Straightness	TS EN 1848-1	-	-	PASS
Thickness	TS EN 1848-1	-	-0,2	3,2
Watertightness	TS EN 1928 (method A 10kPa)	-	-	PASS
Reaction to fire	TS EN 13501-1	class	-	E
External Fire Performance	TS ENV 1187	class	-	Broof
	TS EN 13501-5			
Shear resistance of joint	TS EN 12317-1	N/50mm	-20%	350 / 550
Water vapour transmission properties	TS EN 1931	-	min.	20.000
Tensile Strength (Longitudinal)	TS EN 12311-1	N/50mm	-%20	600
Elongation at break (Longitudinal)	TS EN 12311-1	%	-15	45
Tensile Strength (Transverse)	TS EN 12311-1	N/50mm	-%20	400
Elongation at break (Transverse)	TS EN 12311-1	%	-15	45
Resistance to Impact	TS EN 12691 (method A)	mm	min.	1200
Resistance to static loading	TS EN 12730 (method B)	kg	min.	20
Resistance to tearing	TS EN 12310-1	N	-30%	200
Flexibility at low temperature	TS EN 1109 (top surface)	°C	max.	-5
	TS EN 1109 (bottom surface)	°C	max.	-5
	Artificial aging (EN 1296)	°C	(-0 ; +10)	-5
Flow resistance at elevated temperature(<2mm)	TS EN 1110	°C	min.	110
	Artificial aging (EN 1296)	°C	-10	110
Dimensional stability	TS EN 1107-1	%	max.	0,5
Adhesion of granules	TS EN 12039	%	max.	10
Dangerous substances	-	-	-	NONE

NPD = (No performance defined)