

Technical data sheet

DB Code		Product trade name			Finishing		
F01284		AGILE POL SP 4 MM			POLYETHYLENE FINE SAND		
Coating Code		Coatings Type	Carrier Code		Carrier Type		
1402 10120		BPP	30 115		SP Polyester		
Description of product						Rev	
Reinforced bitumen sheets for waterproofing to be applied by torching;						1	
Systems							
EN 13707 - Multilayer system without permanent surface protection - underlayer - EN 13707 - Multilayer system without permanent surface protection - toplayer - EN 13969 - A - Bitumen damp proof sheet - EN 13969 - T - Bitumen Tanking sheet -							
Characteristic		Test method	Units	Expression of result		Value	
Visible difects		EN 1850 -1	Statement	Pass		Pass	
Length		EN 1848 -1	ml	MLV		10-1%	
Width		EN 1848 -1	ml	MLV		1-1%	
Straightness		EN 1848 -1	Statement	Pass < 20mm/10m		Pass	
Thickness		EN 1849 -1	mm	MDV ±10%		4	
Mass per unit area		EN 1849 -1	Kg/mq	MDV ±10%		-	
Watertightness		EN 1928:2000	Statement	Pass >60 kPa		Pass	
Watertightness after stretching at low temperature		EN 13897	%	MLV		NPD	
External fire performance		EN 13501-5	Statement	Pass		F roof	
Reaction to fire		EN 13501-1	Statement	Pass		Class F	
Tensile properties:maximum tensile force L/T		EN 12311-1	N/50 mm	MDV ±20%		700 500	
Tensile properties:elongation L/T		EN 12311-1	%	MDV±15 abs		40 40	
Resistance to tearing (nail shank) L/T		EN 12310-1	N	MDV±30%		150 150	
Resistance to impact		EN 12691 / A	mm	MLV		900	
Resistance to static loading		EN 12730-1 / B	kg	MLV		15	
Flexibility at low temperature		EN 1109	°C	MLV		-10	
Flow resistance at elevated temperature		EN 1110	°C	MLV		120	
Dimensional stability		EN 1107-1	%	MLV		±0,3%	
Form stability under cyclical temperature change		EN 1108	mm	MLV		NPD	
Artificial aging by long term exposure to elevated temperature		EN 1296	Δ°C	MDV		NPD/10	
Flexibility at low temperature		EN 1109	°C	MLV		NPD	
Flow resistance at elevated temperature		EN 1110	°C	MLV		110	
Artificial aging by combination of UV radiation and water		EN 1297	Statement	Pass		Pass	
Adhesion of granules		EN 12039	%	MDV		NPD	
Water vapour transmission properties		EN 1931	μ	MDV o 20000		20.000	
Resistance to root penetration		prEN 13948	Statement	Pass		NPD	
Peel resistance of joints		EN 12316-1	N/50 mm	MDV		NPD	
Shear resistance of joints*		EN 12317-1	N/50 mm	MDV		600/400	
Durability-Water vapour resistance after artificial ageing		EN 1296 - EN 1928	Statement	Pass		Pass	
Durability - Water vapour resistance after exposure against chemicals		EN 1847 - EN 1928	Statement	Pass		Pass	
Chemical resistance		EN 13707 All. C	Information	Tab. C1&C2		Tab. C1&C2	