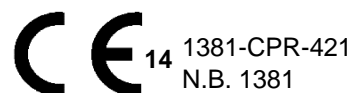


Safety APAO EPP 4mm



Description:	Bituminous membrane for roof waterproofing.
Composition:	Carrier in polyester (E), waterproofing APAO modified bitumen mass; antiadherent upper layer in thermoplastic film (P) and lower layer in thermoplastic film (P).
Application:	By torching or by nailing if pitch is over 20°. Application Temperature >+5°C.

DIMENSIONS

				tol.
Length	EN 1848-1	m	8	+ 1%
Width	EN 1848-1	m	1	+ 1%
Thickness	EN 1849-1	mm	4	± 5%
Straightness	EN 1848-1	mm/10m	Pass	-

CHEMICAL AND PHYSICAL PROPERTIES

				tol.
Visible Defects	EN 1850-1	Visivo	None	-
Tensile Resistance MD/CMD	EN 12311-1	N/5cm	800/600	± 20%
Elongation MD/CMD	EN 12311-1	%	50	- 15
Resistance to Tearing (Nail Method)	EN 12310-1	N	>200	-
Shear Resistance of Joints	EN 12317-1	N/5cm	700/500	± 20%
Resistance to Impact (Method A)	EN 12691	mm	>1000	-
Resistance to Static Loading (Method A)	EN 12730	Kg	>15	-
Dimensional Stability MD/CMD (Method A)	EN 1107-1	%	<0,5	-
Flexibility at Low Temperatures	EN 1109	°C	<-25	-
Flow Resistance at High Temperatures	EN 1110	°C	>140	-
Waterproofing (Method A)	EN 1928	kPa	60	-
Water Vapour Transmission	EN 1931	μ	>20000	-
Flow Resistance at High Temperatures, after Thermal Aging	EN 1296 / EN 1110	°C	>140	-
Waterproofing after Artificial Aging by Long Term Exposition to High Temperature	EN 1296 / EN 1928	kPa	-	-
Artificial Aging by Long Term Exposition to a Combination of UV Radiations, High Temperature and Water	EN 1297 / EN 18501	Visivo	Pass	-
Waterproofing after Exposition to Chemical Agents	EN 1847 / EN 1928	kPa	-	-
Adhesion of Granules	ASTM D4977	-g	-	-
	EN 12039	%	-	-

FIRE BEHAVIOR

External Fire Resistance	EN 13501-5	Class	Broof(t1)
Reaction to Fire	EN 13501-1	Class	F

PACKAGING

Type	Adhesive Tape
Rolls/Pallet	23
m ² /pallet	184

PRODUCT DESTINATION (according EN 13707)

in FOUNDATIONS		in MULTILAYER SYSTEMS				in SINGLE LAYER	
Rising Damp	Ground Water	Lower or Intermediate Layer		Finishing Layer		Heavy Under Protection	Exposed Layer
		Heavy Underpr.	Exposed Layer	Heavy Underpr.	Exposed Layer		
		X	X	X	X	X	X

Safety:	Material is asbestos, tar compounds and dangerous substances free.
Storage:	Material is packed vertically on pallet. Keep vertically and in warehouse. Keep away from heat sources.
Other:	The producer can update the tds without notice.

SAFETY

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www.safetymembrane.com



Rev01 - 20/06/18 1009408801000