ALA

ALA is a range of prefabricated polymeric bitumen membranes manufactured from distilled bitumen, modified by high molecular weight plastomeric-polymers (APP), that give the waterproofing compound excellent thermal stability, resistance to atmospheric agents and ageing due to temperature variation, reinforced by non-woven polyester fabric which gives the product excellent elongation characteristics.

ALA is available in a mineral version which is surfaced by natural or coloured slate chippings.

APPLICATION

On domestic, civil and industrial roofs in multi layer systems.
Concrete roofs (flat or curved), metal and timber decks.
Warm or cold roofs.
Underfloor, foundations, basements, tanking, terraces, canals.
Undertiles or slates and re-roofing of existing coverings.
The mineral version, with slate chippings, is specifically used as a cap sheet.

STORAGE

Keep the rolls in the upright position, protected from the sun (temperature ranging between 0 °C and 40 °C), and well away from heat sources and electrical plant. No measures are needed to prevent the build-up of static electricity. Keep proper fire-figting equipment available at all times.

APPLICATION

1. The deck surface should be prepared correctly (all the debris removed).
2. The surface should be coated with ISOBILT FLUIDO bitumen primer.
3. The rolls should be aligned, with lap joints of at least 8.5cms.
4. They should be melted with an appropriate propane gas torch.
5. The end laps should be heated and refinished with a heated trowel. The lap should be 10cms.
6. If the membrane is not protected with chippings it should be coated with SINTAL.

ALA	Method	Unit	Ala		Ala	
			Ala Poly	Mineral	Fiberglass	Mineral
Reinforcement			non woven polyester		glass-fibre	
Tensile strength Longtidunal/ Transversal	EN-12311-1	N/5cm	600/400	600/400	350/200	350/200
Ultimate elongation Longitudinal/ Tranversal	EN-12311-1	%	30/40	30/40	2/2	2/2
Tear Resistance Longitudinal/Tranversal	EN-12310-1	N	140/140	140/140	80/80	80/80
Static puncture resistance on hard surface	EN-12730	Kg	15	15	10	10
Impact resistance on hard surface	EN-12691	mm	20	20	20	20
Low Temperature Flexibility	EN-1109	°C	0	0	0	0
Flow resistance at high temperature	EN-1110	°C	120	120	120	120
Dimensional Stability Longitudinal/Transversal	EN-1107-1	%	$\delta \pm 0,5$	$\delta \pm 0,5$	=	=
Shear Resistance of Joints Long/Trans	EN-12317-1	N/5cm	ε 500 or breakage outside joint		ε 350/200	
Watertightness	EN-1928	kPa	60	60	60	60

Nominal value tolerance conform to UEAtc directive for polymer-bitumen membranes – January 1984
Conform to EN 13707 as water vapour resistance factor μ can be taken as > 20.000

Dimension and Packaging		
Widht: 1 mt.		
Lenght: 10 mt.		
Packaging: Shrinkable polyethylene on pallets		
N° of pallets per container:		20
N° rolls per pallets		
Plain:	3mm	30
	4mm	24
	5mm*	20
Mineral	4kg	30
	4,5kg	25

* Rolls of 8 meters lenght.

Sappi S.r.l. , via Pascoli, 3 - 20060 Basiano MIlan - Italy - Tel +39 02 95769000 - Fax +39 02 95769001 - http: www.sappi.it - email: export:@sappi.it