



RAHA SADR INDUSTRIAL CO

elaRAHA Series

Outstanding performance torch-on waterproofing elastomeric membranes showing exceptional properties on any structure subject to cyclic movements or considerable dimensional variations.

Compound: Distilled bitumen modified with high percentage of SBS elastomeric polymers that ensure excellent properties of adherence, elasticity and extreme flexibility at low temperatures. Due to the chemical properties of thermo-plastic rubber, the membrane should be protected against direct sunlight which triggers a process of early aging.

Reinforcement: Continuous non-woven SPUNBOND polyester (EP series) or strengthened glass fibre (EG series) with a high mass per unit area, Elastoper guarantees outstanding mechanical performance and dimensional stability.

Surface Finish: Silica sand, aluminum, self protecting natural or colored slate chippings distributed uniformly and firmly anchored.

Areas of use: Exceptional performance in applications requiring above average resistance to repeated thermalmechanical action. Metal, prefabricated flat, curved or saw tooth roofs subject to cyclic movements or considerable dimensional variations. Also widely used in underground tanking to waterproof basements and foundations, especially in areas with high humidity in the ground or close to the sea.

Product Advantages: Guaranteed by more than 25 years in the field, excellent aging properties, extensive thermal operating range (-20/+100), versatile and reliable at any latitude, fast and easy to apply even on structures with complex shapes.



Unit303,Navab Complex,
Navab Safavi St.,Esfahan-Iran



+983132355207
+983132355214



info@rahaoil.com



www.rahaoil.com



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TECHNICAL DATA SHEET OF SBS MODIFIED BIUMEN MEMBRAN

-20°C **SBS**

elaRAHA Series by Thickness	EG2 EG3	EP3 EP4	EP3 S* EP4 S*	EP3 AL EP4 AL EP3 F* EP4 F*	EAL2
Reinforcement	GlassFiber	Polyester	Polyester	Polyester	Aluminum
Thickness (mm)	2/3	3/4	3,5 / 4,5	3/4	2
Upper Surface Coating	PE	PE	Slated	Aluminum/Fine Sand	PE
Cold Bending °C	-20	-20	-20	-20	-20
Flow Resistance °C	100	100	100	100	100
Tensile Strength (N/50mm) (md/cmd)	400/300	800/600	800/600	800/600	NA
Elongation % (md/cmd)	2/2	35/35	35/35	35/35	NA

elaRAHA Series by Unit Weight	EG2W EG3W EG4W	EP3W EP4W EP5W	EP3,5 WS* EP4 WS* EP4,5 WS*	EP4 WAL EP4,5 WAL EP4 WF* EP4,5 WF*
Reinforcement	GlassFiber	Polyester	Polyester	Polyester
Unit Weight (kg/m2)	2/3/4	3/4/5	3,5 / 4 / 4,5	4/4,5
Upper Surface Coating	PE	PE	Slated	Aluminum/Fine Sand
Cold Bending °C	-20	-20	-20	-20
Flow Resistance °C	100	100	100	100
Tensile Strength (N/50mm) (md/cmd)	400/300	800/600	800/600	800/600
Elongation % (md/cmd)	2/2	35/35	35/35	35/35

* S Color Codes for Slated Products

* F for Fine Sand Finish

All tests have been performed according to EN 13707 /EN 13969

Dimensions and Packing	Thickness (mm)	Roll Size (mt)	Rolls per pallet
	2	1 x 15	30
	3	1 x 10	30
	4	1 x 10	20
	3 S*	1 x 10	23
	4 S*	1 x 10	20

Weight (kg/m2)	Roll Size (mt)	Rolls per pallet
2	1 x 10	45
3	1 x 10	36
4	1 x 10	30
4,5	1 x 10	25
5	1 x 10	20
3,5 S*	1 x 10	25
4 S*	1 x 10	25
4,5 S*	1 x 10	25

Available Colors Green Grey White **Red** Aluminum



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