

POLYGLASS®

UNI EN ISO 9001

MATERIALI IMPERMEABILIZZANTI E SISTEMI ISOLANTI

ELASTOMERIC MEMBRANES WITH POLYESTER REINFORCEMENT

DATASHEET

ELASTOBOND S6

MULTIFUNCTIONAL HYDRO INSULATING MEMBRANES

PRODUCT DESCRIPTION

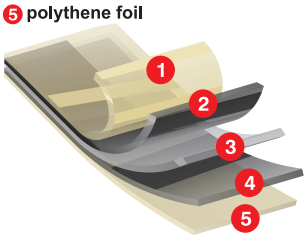
Elastomeric hydro insulating membrane, produced out of destilled bitumen, modified with SBS (stirol-butadien-stirol) polymer. The reinforcement is made of non-woven polyester with unbroken fibre. Both sides of the material are covered with easy to be burnt, thin polythene foil that is melting completely and disappears in the torch's gas flame. It prevents the rolled material from adhesion and burning out during the welding.

APPLICATION

Elastomeric membrane, suitable for:

- Bottom layer in multilayered hydro insulating systems for flat roofs;
- Which ever layer in multilayered hydro insulating systems for roof terraces, open to passengers' traffic;
- Singular and double layered systems for bases and underground walls of buildings.

1. polythene foil
2. modified SBS bitumen
3. non-woven polyester with unbroken fibre
4. modified SBS bitumen
5. polythene foil



SPECIFIC PROPERTIES OF MODIFIED BITUMINOUS MEMBRANES

- 10 years manufacturer's guarantee;
- Membranes are welded with gas flame burner, at low fuel consumption;
- Perfect adaptation to all kinds of building constructions (concrete, metal, panel, etc.);
- Applicable in residential, public and industrial buildings;
- Harmless to man, no requirements for special means of protection.

PACKING

Palettes, wrapped in polythene foil, with the name of the manufacturer and the basic product data printed on the label.

DIMENSIONS, PRODUCT RANGE AND PACKING

Weight (kg/m2)	Length (mm)	Width (mm)	m2 / roll	Number of rolls /palette	m2 / palette
3.00	10	1	10	28	280
4.00	10	1	10	23	230

TECHNICAL PARAMETERS

Typical Features		Symbol	Value	Unit	Standard
Bitumen		*SBS*	Elastomeric	-	-
Reinforcement		*P*	Non-woven polyester	-	-
Upper face		*TF*	Melting foil	-	-
Bottom face		*TF*	Melting foil	-	-
Softening point		t_t	> 125	°C	EN 1427
Flexibility at low temperature		$t_{(-)}$	- 15	°C	EN 1109
Thermal dimentional stability		$t_{(+)}$	> 110	°C	EN 1110
Tensile properties	lengthwise	σ_l	840	N / 5cm	EN 12311 - 1
	crosswise	σ_t	500	N / 5cm	
Break elongation	lengthwise	-	50	%	EN 12311 - 1
	crosswise	-	50	%	
Dimentional stability	lengthwise	-	> 0.5	%	EN 1107-1
	crosswise	-	> 0.5	%	
Resistance to tearing (nail shank)	lengthwise	-	170	N	EN 12310-1
	crosswise	-	190	N	
Resistance to static loading		*L*	15	kg	EN 12730
Resistance to impact /polystirol of thickness: 20kg/m2		*I*	15	mm	EN 12691
Water tightness		*W*	> 60	-	EN 1928
Reaction to fire		*E*	Self-extinguishing	-	EN 13501 - 1
Bulgarian technical approval		Protocol № K-672/ 01.1999	CRICM, Sofia		EN 13707
Quality management system		Cer. No. 102719 / 21.01.2005	Bureau Veritas (BVQi) IT		ISO 9001:2000

Any information contained in this datasheet describes the product properties applicable as at the time of issue. With respect to continuous development of these materials, changes to their properties may take place from time to time.

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Aggiunge valore!

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