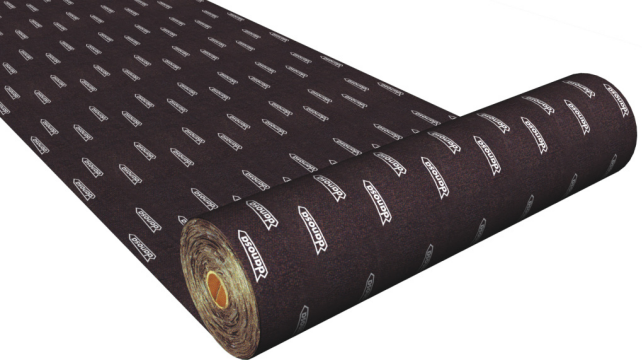


danosa

ELASTOMERIC MEMBRANES WITH GLASS FIBRE REINFORCEMENT

DATASHEET

GLASDAN PE ELAST

MULTIFUNCTIONAL HYDRO INSULATING MEMBRANES

PRODUCT DESCRIPTION

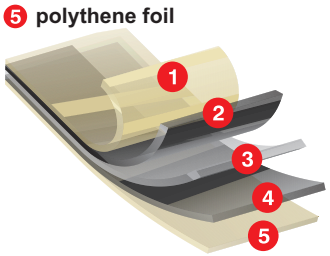
Elastomeric hydro insulating membrane, produced out of distilled bitumen, modified with SBS (stirol-butadien-stirol) polymer, reinforced with glass fiber veil. Both surfaces are covered with easy to be burnt, thin polythene foil, that is melting completely and disappears in the torch's gas flame. It 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;
- Bottom layer in double layered hydro insulating systems for roof terraces, open to passengers' traffic;
- Bottom or singular layer for bases and underground walls of buildings.

1. **polythene foil**
2. **modified SBS bitumen**
3. **glass fibre**
4. **modified SBS bitumen**
5. **polythene foil**



SPECIFIC PROPERTIES OF MODIFIED BITUMINOUS MEMBRANES

- 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)	Lenght (mm)	Width (mm)	m2 / roll	Number of rolls /palette	m2 / palette
2.00	12	1	12	25	300
3.00	12	1	12	25	300
3.60	10	1	10	25	300
4.00	10	1	10	25	250
4.80	8	1	8	25	200

TECHNICAL PARAMETERS

Typical Features		Symbol	Value	Unit	Standard
Bitumen		*SBS*	Elastomeric	-	-
Reinforcement		*GLASS*	Glass fibre veil 100	gr/m²	-
Upper face		*PE*	Melting foil	-	-
Bottom surface		*PE*	Melting foil	-	-
Softening point		t_t	> 110	°C	EN 1427
Flexibility at low temperature		$t_{(-)}$	– 20	°C	EN 1109
Thermal dimensional stability		$t_{(+)}$	> 100	°C	EN 1110
Tensile properties	lengthwise	σ_l	> 550	N / 5cm	EN 12311 - 1
	crosswise	σ_t	> 400	N / 5cm	
Break elongation	lengthwise	-	2	%	EN 12311 - 1
	crosswise	-	3	%	
Resistance to tearing	lengthwise	-	> 225	N	EN 12310 - 1
	crosswise	-	> 225	N	
Resistance to static loading		*L*	10	kg	EN 12730
Resistance to impact /polystirol of thickness: 20kg/m2		*I*	20	mm	EN 12691
Number of water vapor transmission properties		μ	> 20 000	-	EN 1391
Reaction to fire		*E*	Self-extinguishing	-	EN 13501 - 1
Product Certificate		Cer. No. 032/000844/27.12.2004		AENOR, MADRID (ES)	EN 104 242
Bulgarian Technical Approval		Промокол № 735-05/ 19.04.2005		CRICM, Sofia	EN 13707
Quality Management System		Cer. No. ES-0082 / 01.08.1999		IQNet, AENOR (ES)	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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