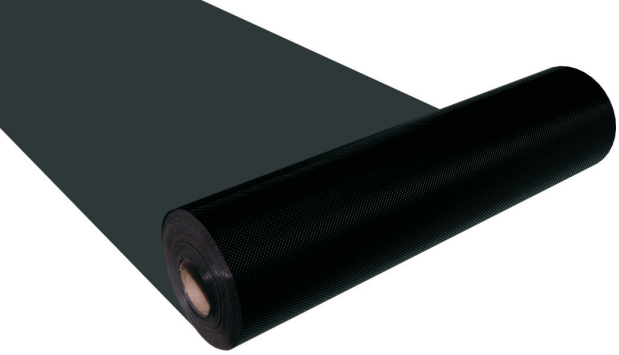


danosa

SELF-ADHESIVE MEMBRANES

DATASHEET

SELFDAN BT ELAST

SELF-ADHESIVE HYDRO INSULATING MEMBRANES FOR BASES

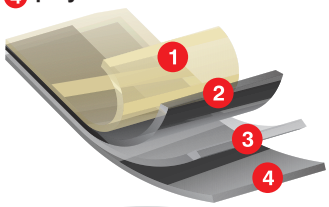
PRODUCT DESCRIPTION

Elastomeric hydro insulating membrane, produced out of destilled bitumen, modified with SBS (stirol-butadien-stirol) polymer. The upper surface is covered with high density /HDPE/ reinforcement. The bottom side is saturated with synthetic adhesive emulsion, to which an anti - adhesive polythene material is attached. It is removed prior to the adhering.

APPLICATION

Elastomeric membrane suitable for: hydro insulation of bases and underground walls of buildings, tunnels and other elements composed of concrete or solid brick.

1. modified SBS bitumen
2. polythene /HDPE/
3. synthetic emulsion
4. polythene foil



SPECIFIC PROPERTIES OF MODIFIED BITUMINOUS MEMBRANES

- Easy to assemble;
- Membranes are adhered by removing the polythene material and firmly pressing them to the base;
- Adhering is possible even in cases of cold weather, as membranes are heated by hot air pistol;
- Perfect adaptation to all kinds of building constructions (concrete, metal, panel, etc.);
- Absolute water and vapor impermeability;
- High durability;
- Harmless to man, no requirements for special means of protection.

PACKING

Pallet, 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
1.5	20	1	20	24	480

TECHNICAL PARAMETERS

Typical Features		Symbol	Value	Unit	Standard
Bitumen		*SBS*	Elastomeric	-	-
Upper face		*HDPE*	High density polythene	95 gr/m^2	-
Bottom face		*AD*	Adhesive emulsion	-	-
Flexibility at low temperature		$t_{(-)}$	≤ 10	°C	EN 1109
Thermal dimensional stability		$t_{(+)}$	> 80	°C	EN 1110
Tensile properties	lengthwise	σ_l	200 ± 100	N / 5cm	EN 12311 - 1
	crosswise	σ_t	200 ± 100	N / 5cm	
Break elongation	lengthwise	-	350 ± 100	%	EN 12311 - 1
	crosswise	-	350 ± 100	%	
Number of water vapor transmission properties		μ	> 20 000	-	EN 1391
Resistance to plants' roots		-	Don't pass through	-	EN 13984
Reaction to fire		*E*	Self-extinguishing	-	EN 13501 - 1
Product certificate		Cer. No. 032/000845/27.12.2004		AENOR, MADRID (ES)	EN 104 242
Bulgarian technical approval		Протокол № 733-05/ 19.04.2005		CRICM, Sofia	EN 13707
Quality management system		Cer. No. ES-0082 / 01.08.1999		IQNet, AENOR (ES)	ISO 9001:2000

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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