



Elastoself MD

It is a polyester reinforced 1,5mm thick, self-adhesive, cold-applied waterproofing membrane made of bitumen modified by SBS (styrene-butadiene-styrene), with release film underside and fine sand on the upper surface.

Places of Use

Used to obtain waterproofing on:

- terrace roofs,
- sloping concrete roofs.
- It is an ideal material as a first layer membrane for light metallic roofs.
- Elastoself MD is not only designed for cold climates, but may also be used as first layer membrane or as first layer membrane on POLPAN sheets in waterproofing to be made on any surfaces requiring elasticity.

Surface Preparation

Elastoself MD is used to obtain waterproofing on terrace roofs of buildings and sloping concrete roofs. It is an ideal material as a first layer membrane for light metallic roofs. Elastoself MD is not only designed for cold climates, but may also be used as first layer membrane or as first layer

membrane on polpan sheets in waterproofing to be made on any surfaces requiring elasticity.

Mode of Application

If the surface to be insulated is concrete, then it must have been finished with sloping grout burnished using a wooden trowel and be clean and dry. Before the application of the membrane, the surface must have been spread with bituminous solution undercoat BITUSOL (TS 103) or bituminous emulsion undercoat BITUMER (TS 113) and allowed to dry up. Elastoself MD self-adhesive bituminous waterproofing membrane is adhered to the Polpan surface on the roof by removing the silicone foil on the lower surface starting in a direction perpendicular to the slope at the lowest part of the roof. The membrane is heated up with oxyacetylene burner flame and then adhered to the surface. The rows must be laid with some shift sideways. Elastoself MD membranes are overlapped 15cm on the short sides and 10cm on the long ones. While applying Elastoself MD, a membrane fixing screws is applied at every 50cm to centre the overlapping seam of the long side of the membrane.

Packaging

Elastoself MD is launched into the market in rolls 1m wide and 20m long.

Storage Conditions and Shelf Life

Rolls must be vertically stored in roofed-over spaces. If the rolls have to be stored outdoors for a long period of time, then they must be covered with a protective layer in order to protect them against the sunlight. If the rolls are to be stored without pallets, they are not stacked one on top of another. In palletised stowage, two rows may be stacked one on top of the other.

Advantages

- Is very easily applied.
- Is self-adhesive.
- Is eligible for contact with bitumen.
- Is applicable at low temperatures.
- Is not affected by weather conditions.

PRODUCT DATA SHEET



NIMACO



TS EN 13707

ELASTOSELF MD

Document number :PDS-060-4
Publication Date :05th,Jan.2009 Revision date : 18th.Jul.2017

PRODUCT DESCRIPTION	Elastomeric modified bituminous waterproofing membrane.			
USAGE	Used for water proofing of terraces and roofs			
APPLICATION METHOD	Self-adhesive			
TOP SURFACE	Fine sand			
BOTTOM SURFACE	Siliconized film			
REINFORCEMENT TYPE	Polyester			
STORAGE	Rolls to be stored upright and away from heat.			
ECOLOGICAL DATA	Can be used in natural atmosphere			
TEST	METHOD	UNIT	TOLERANCE	VALUES
Visible defects	TS EN 1850-1	-	-	NONE
Length	TS EN 1848-1	m	-0,03	20
Width	TS EN 1848-1	m	-0,02	1
Thickness	TS EN 1849-1	mm	min.	1,5
Tensile Strength (Longitudinal)	TS EN 12311-1	N/50mm	-%0 ; '+%30	500
Elongation at break (Longitudinal)	TS EN 12311-1	%	(-0 ; +20)	30
Tensile Strength (Transverse)	TS EN 12311-1	N/50mm	-%0 ; '+%30	300
Elongation at break (Transverse)	TS EN 12311-1	%	(-0 ; +20)	30
Flexibility at low temperature	TS EN 1109 (top surface)	°C	min.	-15
	TS EN 1109 (bottom surface)	°C	min.	-15
Reaction to fire	TS EN 13501-1	class	-	E
Softening point	TS EN 1427	°C	min.	115
NPD = (No performance defined)				
* For information and advice on the safe handling,storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet				

The maufacturer serves the right to modify, at any time, the characteristics of its products

BF/14-17-0