Laribit®
SISTEMI IMPERMEABILIZZANTI
WATERPROOFING SYSTEMS

Monobit

APP waterproofing membrane

Stratigraphy

1 Single strand composite polyester reinforcement
2 Waterproofing mass
3 PE film

Characteristics

Prefabricated modified polymer-bitumen membrane composed of distilled bitumen and elasto-plastomers (APP) reinforced with a woven non woven single strand composite polyester fabric.
The upper face of the membrane is coated with the waterproofing mass and protected with a PE film, while the lower face is the exposed reinforcement.

Areas of use

The woven non woven single strand composite polyester reinforcement offers excellent static puncture and tear strength resistance.
The characteristics of the membranes in the MONOBIT range allow them to be used with success as a regularisation layer, as a first layer mechanically fixed to wooden roofs, as a vapour diffusion layer, as a separation layer between bituminous membranes and synthetic ones as well as in several other applications.
In virtue of the particular formulation the membranes of the MONOBIT range are compatible with all the LARIBIT membranes, both APP & SBS.

Methods of application

The application of the membrane is generally obtained by mechanical fixing using large headed nails on wooden roofs.
As an alternative cold adhesive glues can be used and on non heat sensitive substrates the use of oxidized bitumen.
For further information we recommend to consult LARIBIT's technical literature.

Technical data sheet
SPECIAL APPLICATIONS membranes

Fields of use

CE

EN13707 Continuous roofs (Certificate n° 0958-CPR-2045/1)

	N° LAYERS			METHOD OF APPLICATION						TYPE OF APPLICATION			TYPE				
	Single Layer	Double Layer	Multilayer	Torch	Hot Air	Mixed (Torch / Air)	Cold Bond Glue	Mechanical Fixing	Thermo Adhesive / Self Adhesive	Fully Bonded	Partially Bonded	Loose Laid	Complimentary Layer	Top Layer	Heavy Protection	Anti-root	Other Uses
MONOBIT 1.2 KG/M²		•	•					•				•	•				•
MONOBIT 1.5 KG/M²		•	•					•				•	•				•
MONOBIT 2.0 KG/M²		•	•					•				•	•				•

The waterproofing membrane based on distilled bitumen and polymers, as shown in this data sheet does not require the issue of a MSDS, because it does not contain dangerous substances. The information data sheet for the proper use of products is available.

Application

MONOBIT AS A SEPARATION AND SLIP SHEET

MONOBIT is used as a separation layer, reducing or eliminating the physical-mechanical and/or chemical restraints between various elements of the waterproofing system.
MONOBIT can be applied over an old synthetic membrane as a separation layer on which the bituminous one will be applied.
MONOBIT can also be used as a slip sheet as it prevents movement and tension from being transferred between adjoining layers.

MONOBIT AS A SEPARATION AND DISTRIBUTION LAYER ON RE-FURBISHMENT

MONOBIT used over old waterproofing systems, acts as a separation and distribution layer as well as a base for the mechanical fixings, guaranteeing as well an excellent bond of the bituminous waterproof membrane used for the refurbishment.

MONOBIT AS A PROTECTIVE ELEMENT AND DISTRIBUTION ON WOODEN ROOFS

MONOBIT is used over wooden decks and/or heat sensitive materials whereas it is used as a protective layer from the use of open flame; MONOBIT must be applied loose laid and mechanically fixed with appropriate nails. When used over concrete substrates it is necessary to use an adequate mechanical fixing.

Monobit

Recommendations

- The rolls are to be stored in an upright position, indoors in a dry and ventilated area, away from heat sources. Absolutely avoid the stacking of rolls and pallets for storage or transport to avoid possible deformations which may compromise a perfect installation. It is recommended to store the product at temperatures above 0°C.
- To guarantee impermeability MONOBIT must always be used with another waterproofing membrane reinforced with polyester or dual reinforced and applied fully bonded.
- The application surface must be smooth, dry, and clean.
- **The application surface must not have any depressions to avoid the risk of ponding water, the slope must be at least 1.5% on concrete decks and 3% for steel or wooden ones, this to guarantee a proper run off of rainwater.**
- In situations of application on vertical surfaces superior to 1.5%, apply suitable mechanical fixings to the head laps.
- The product must be applied at room temperatures of above +5°C.
- Application must be suspended during inclement weather (excessive humidity, rain, etc.).
- The pallets supplied are suited only for normal warehouse movement and not for raising heavy loads to height.
- We recommend making correct and regular warehouse rotation.
- For information concerning storage and application of Laribit membranes, please refer to the "Installation manual".

Technical data sheet
SPECIAL APPLICATIONS membranes

Technical data

Technical Characteristics	Measure Units	Reference Norm	P			Tolerance
Type of reinforcement			Single strand polyester			
Upper face finish			PE film			
Lower face finish			Single strand polyester			
Watertightness	kPa	EN 1928	60			
Length	m	EN 1848-1	25 -1%	25 -1%	20 -1%	
Width	m	EN 1848-1	1 -1%			
Mass	kg/m²	EN 1849-1	1,2	1,5	2	±10%
Cold flexibility	°C	EN 1109	NPD			
Tensile strength L / T	N / 5 cm	EN 12311-1	500/400			-20%
Elongation at break L / T	%	EN 12311-1	35/35			-15
Tearing resistance L / T	N	EN 12310-1	140/140			-30%
Fire resistance		EN 13501-5	F ROOF			
Fire reaction		EN 13501-1	F			

NPD = No Performance Declared in accordance with the EU Construction Products Directive.

Sizes & packing

	P 1,2 kg/m²	P 1,5 kg/m²	P 2 kg/m²
Rolls size [m]	25x1	25x1	20x1
Rolls per pallet	25	20	25
Square meters per pallet [m²]	625	500	500

Sizes & packing may vary depending on the type of transportation. The technical data given is based on average values obtained during production. We reserve the rights to change or modify the nominal values without prior notice or advice. The information contained in this data sheet are based on our experience. We cannot take any responsibility for a possible incorrect use of the products. The customer has to choose under their own responsibility a product fit for the intended use.

CE

Laribit®
Matco S.r.l. - Via Quadrelli 69
37055 Ronco all'Adige (VR) Italy

Tel. +39 045 8775559 www.laribit.com
Fax +39 045 8751474 info@laribit.com

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