



stratigraphy

- 1 Removable plastic film
- 2 Self-adhesive waterproofing mass in strips
- 3 Single strand composite polyester reinforcement
- 4 Compatibility compound
- 5 Micro slate finish

Description

Masonry work does not last forever and periodically requires extraordinary maintenance.

The need to perform extraordinary maintenance work on the flooring of terraces and balconies is due to the fact that the reinforced concrete structures and superstructures (screed and flooring) are subject to various kinds of deformation: dynamic, thermic, shrinking, etc.

In many cases, this deformation also leads to the structure losing its impermeability or to the used elements disintegrating (tiles coming loose, screed crumbling, etc.).

IT IS NOW POSSIBLE TO DO WORK DIRECTLY ON THE EXISTING FLOORING WITH LARIX TERRACE.

It is recommended to consult the Laribit technical department to be able to design the optimal application of the LARIX TERRACE system in various types and sizes of terraces and balconies.

Reinforcement

LARIX TERRACE is reinforced with a woven non woven single strand composite polyester fabric, having excellent mechanical characteristics as well as dimensional stability.

Finishes

The special surface finish made from slate microflakes makes the surface of the LARIX TERRACE membrane

ideal and high-performance for the subsequent laying of flooring using cement-based adhesives.

The underside of the product has selfadhesive strips designed to enable firm yet partial adhesion of the LARIX TERRACE membrane. This special and unique finish guarantees an adhesive surface of 50%, without affecting the function of dispersing the water vapour in the flooring underneath, thus eliminating the inconvenience of bubbles.

Advantages

- Special self-adhesive membrane that can be laid cold without the use of open flames.
- Limited thickness of the LARIX TERRACE membrane - less than 3 mm.
- No need to for overlapping at the top or sides as with conventional bituminous membranes. No waste and excellent use of the whole membrane.
- The special surface finish made from slate microflakes makes the surface of the LARIX TERRACE membrane ideal and high-performance for the subsequent laying of flooring using cement-based adhesives.
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EN13707 Continuous roofs (Certificate n° 0958-CPR-2045/1)

N° LAYERS			METHOD OF APPLICATION					TYPE OF APPLICATIONS			TYPE					
• Single layer	• Double layer	• Multilayer	Torch	Hot air	Mixed (Torch / Air)	Cold bond glue	Mechanical fixing	Thermoadhesive / Self-adhesive	Fully bonded	Partially bonded	Loose laid	• Complimentary layer	Top layer	Heavy protection	Anti-root	Other uses

LARIX TERRACE PA 3.0 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

Preparing the substrate

- Remove the skirting board.
- Refurbish with cement-based levelling compound if necessary.
- Remove any loose tiles.
- Refurbish the base layer with cement-based mortar.
- Clean the substrate.
- Remove the floor drain, if there is one.

Laying Larix Terrace

- If the balcony does not have any parapets, it is necessary to install a metal profile before laying the LARIX TERRACE membrane.
- Lay the LARIX TERRACE membrane lining up the sheets, trying not to overlap them to limit the thickness. [fig. 1]
- Remove the silicone-coated film. [fig. 2]
- Roll out the surfaces using the large roller and the hand roller for the details. [fig. 3]
- Lay the subsequent sheets lining up the sides of the LARIX TERRACE. [fig. 4]
- Use a hot air burner + hand roller to seal any edges or details. [fig. 5]

Laying Monoflex

- Position a strip of ARMO 100 dry where the sheets join. [fig. 6]
- Roll out ARMO 100 and evenly apply a first layer of MONOFLEX, using a brush or roller, about 16 cm wide. [fig. 7]
- Apply the second layer of MONOFLEX, covering ARMO 100 evenly. [fig. 8]
- Place BANDTEC dry near the edge turn-ups. [fig. 9]
- Evenly apply a first layer of MONOFLEX, beyond the level of the skirting board. [fig. 10]
- Press BANDTEC into the layer of MONOFLEX previously applied. [fig. 11]
- Evenly cover BANDTEC with a second layer of MONOFLEX. Alternatively, use a roller. [fig. 12-13]
- Leave until the product is completely dry. [fig. 14]

Laying cement-based adhesives

- When MONOFLEX is completely dry, proceed to laying modified cement-based adhesives with resins in class C2S2 that are compliant with the covering to be laid.

Grouting

- When the floor has been laid, apply the grouting and seal the joints with suitable epoxy grout sealant.



Technical data

Technical Characteristics	Measure units	Reference norm	PA	Tolerances
Type of reinforcement			Single strand composite polyester	
Upper face finish			Micro slates*	
Lower face finish			Silicon release film	
Length	m	EN 1848-1	10 -1%	≥
Width	m	EN 1848-1	1 -1%	≥
Mass	kg/m ²	EN 1849-1	3,0	±10%
Cold flexibility	°C	EN 1109	NPD	≤
Loss mineral	%	EN 12039	30	≤
Pull out	N/mm ²	UNI EN 1348	0,9	
Flow resistance	°C	EN 1110	NPD	≥
Tensile strength L / T	N / 5 cm	EN 12311-1	700/500	-20%
Elongation at break L / T	%	EN 12311-1	40/40	-15
Tearing resistance L / T	N	EN 12310-1	150/150	-30%
Dimensional stability	%	EN 1107-1	-0,3	≤
Fire resistance		EN 13501-5	F ROOF	
Fire reaction		EN 13501-1	F	
Watertightness	kPa	EN 1928	60	≥
Watertightness after ageing	kPa	EN 1296 - EN 1928-B	60	≥
Vapour transmission	μ	EN 1931	20000	≥

* Mineral self-protected products may undergo color tone variations due to the time and length of storage. Exposure to atmospheric conditions, after application, will tend to uniform the color after a few months. The change in color tone cannot therefore be contested and / or complained of as it is a natural phenomenon that the slate manufacturer himself cannot guarantee.

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

Sizes & packing

	PA 3,0 kg/m ²
Rolls size [m]	10x1
Rolls per pallet	30
Square meters per pallet [m ²]	300

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.

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.
- The application surface must be smooth, dry, and clean.
- 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".

Laribit[®]

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