



Stratigraphy

- 1 PE film
- 2 R special formulation
- 3 Waterproofing mass
- 4 Woven fibre glass mat reinforcement
- 5 Waterproofing mass
- 6 Special white reflex slate finish

Description

LARIX RE-ROOFING G200 is a prefabricated modified composite waterproof membrane with differentiated waterproofing compounds. The upper face waterproofing compound is composed of distilled bitumen and elasto plastic polyolefin's with high heat resistance and cold flexibility, while the lower face compound is composed of distilled bitumen and special polymers which give incomparable characteristics of adhesion to old membranes with mineral self-protection.

A particular compound, specifically studied, is used to make the upper and lower face compounds compatible.

The particular reinforcement used in the LARIX RE-ROOFING G200, a woven fiberglass mat, provides the membrane with incomparable dimensional stability and exceptional mechanical characteristics.

Finishing

The LARIX RE-ROOFING G200 membrane is finished on the upper face with a special white reflex slate with good reflective capacities, besides extending the life expectancy of the membrane, its reduces heat buildup both on the external surface as well as inside the building with a reasonable savings in terms of energy consumption. The emissivity of the LARIX RE-ROOFING G200 furthermore favors the dissipation of accumulated heat during the night.

The lower face or application surface has a PE film finish.

LARIX RE-ROOFING G200 is provided with a side selvedge of 10 cm and a head selvedge of 15 cm, which favors the joining and water resistance of the sheets.

Types and areas of use

LARIX RE-ROOFING G200 is used to refurbish old membranes self-protected with mineral slates, given the excellent characteristics of workability and adhesion to the mineral granules.

- The membrane is usually applied by heating the bituminous blend using a gas burner or hot air guns in special cases.
- Always use the individual protection devices specified by law.
- Never use application by heating on heat-sensitive supports or insulation.
- Conduct regular maintenance on the roof in order to remove detritus, mud, grass, etc., and to keep the operation of the waterproofing system and accessories (drains, TV antennas, air-conditioning systems, etc.) under control.
- Whenever there is reason to believe that the element to be waterproofed has traces of residual humidity (e.g. during renovations of existing roof coverings, applications after abundant rainfall), vents should be positioned in such way as to permit its elimination.

For more information and instructions, we recommend consulting LARIBIT application manual, remembering that our Technical Support Service is always at your disposal to solve particular problems and provide the assistance necessary in using our waterproofing membranes to best advantage.

Fields of use



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

LARIX RE-ROOFING G200 4 MM ON S.

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

- Clean the application surface.
- Apply by gas or hot air torch a 25 cm strip of LARIX P+V membrane along all the vertical up stands.
- Position the membrane always starting from the lowest point, in order to have all the overlaps with the slope.
- Apply and position the membranes staggered to avoid creating areas where the membrane overlap against the slope and in the direction of the drains.
- After having positioned the roll, re-roll the material for half of its length and begin application; repeat the same operation for the remaining half of the roll. (Draw. N.1)
- It is necessary to heat the entire surface, except the overlaps, of the lower face to obtain a full adhesion to the application surface.
- During the application by torch, the material needs to be heated to a point where the compound starts to flow in such a way that it fully saturates the application surface. The melted flow of compound obtained by torching is the R mass. (Draw. N.2)

- Torch by flame or hot air the side laps (10 cm) and the head laps (15 cm) with an overlap torch. During this operation use a metal roller (15 kg) to press the overlaps and obtain a bead of melted compound. It is not necessary to iron the overlaps during this operation. (Draw. N.3)
- Apply the vertical membrane sheet by overlapping on to the horizontal surface by at least 10 cm, torching by flame or hot air, pressing the joints with a trowel to obtain a bead of melted compound to finish the corners. (Draw. N.4)
- The height of the vertical must be equivalent or superior to the finished surface by at least 15 cm.
- Verticals higher than 20 cm must be done with LARIX P+V 4 mm or MT PA 4,5 kg/m².



LARIX Re-Roofing G200

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.
- Do not keep the product outside and at a temperature below +10°C and above +40°C except for the time strictly required for application.
- 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

Technical Characteristics	Measure Units	Reference Norm	G200	Tolerance
Type of reinforcement			Woven fibreglass mat	
Upper face finish			White reflex slate *	
Lower face finish			PE film	
Length	m	EN 1848-1	8 -1%	
Width	m	EN 1848-1	1 -1%	
Mass	kg/m ²	EN 1849-1	4 on selvedge	±5%
Artificial U.V. ageing		EN 1297	Pass	
Loss mineral	%	EN 12039	30	
Peel resistance of joints L / T	N / 5 cm	EN 12316-1	50/50	-20N
Cold flexibility	°C	EN 1109	-20	
Cold flexibility after ageing	°C	EN 1296 - EN 1109	-15	+15°C
Flow resistance	°C	EN 1110	140	
Flow resistance after artificial ageing	°C	EN 1296	140	-10°C
Shear resistance L / T	N / 5 cm	EN 12317-1	1100/1100	-20%
Tensile strength L / T	N / 5 cm	EN 12311-1	1200/1200	-20%
Elongation at break L / T	%	EN 12311-1	4/4	-15
Tearing resistance L / T	N	EN 12310-1	200/200	-30%
Static puncture resistance	kg	EN 12730	15	
Dynamic puncture resistance	mm	EN 12691	1000	
Fire resistance		EN 13501-5	F ROOF	
Fire reaction		EN 13501-1	F	
Dimensional stability	%	EN 1107-1	-0,1	
Impermeability after artificial ageing	kPa	EN 1296	60	
Watertightness	kPa	EN 1928	60	
Vapour transmission	μ	EN 1931	20000	
S.R.I. Solar Reflectance Index	%	ASTM E-1980	Pass	

* 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 4 mm on selvedge
Rolls size [m]	8x1
Rolls per pallet	23
Square meters per pallet [m ²]	184

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.

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