

Stratigraphy

- 1 P.E. film
- 2 Waterproofing mass
- 3 Single strand composite polyester fabric
- 4 Waterproofing mass
- 5 Sand or talc finish

Characteristics

ANTI-ROOT is a prefabricated membrane based on a particular bituminous compound reinforced with non-woven spunbond polyester filaments. The waterproofing compound obtained through the complete homogenization of bitumen distillate with saturated elastomeric and plastomeric polymers is added with "Preventol B2" by Bayer, a synthetic product made with phenoxyate fatty acid polyglycol ester.

It offers:

- resistance to U.V. radiation
- resistance to temperature change
- resistance to O3
- resistance to chemical corrosion (acids and salts)
- waterproof seal
- good adhesion when heated to all supports
- resistance to creep
- resistance to the chemical and mechanical action of roots

Reinforcement

Composed of non-woven spunbond polyester filaments offers:

- high mechanical characteristics
- imputrescibility, elasticity and flexibility
- good isotropy
- resistance to attack by chemical and bacterial agents

Methods of application

- 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 these systems on heat-sensitive supports or insulation.
- Scrupulously respect the recommendations and warnings for use provided on the product's technical data sheet.
- The waterproofing system and the products recommended can be modified as required by the roof's constructive type and size (please consult our Technical Assistance Service).
- 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.

Finishing

The upperside of ANTI-ROOT is finished with a special inorganic and extremely fine release material which is uniformly spread and calibrated in order to prevent the roll from sticking to itself providing anti-slip features for applications on sloping surfaces.


The ideal melting point of the waterproofing compound is visible anytime from the burn-off printed and embossed polyethylene surface film which protects the underside. This also allows for vapor diffusion control thus preventing the formation of blisters whenever the membrane is laid with semi-adherence or independently.

For more information and instructions, we recommend consulting LARIBIT technical documentation, 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


CE CERTIFICATION	N° LAYERS	METHOD OF APPLICATION	TYPE OF APP.	TYPE
* EN13707 Continuous Roofs	Single Layer	Hot Air	Fully Bonded	Top Layer
* EN13859-1 Under Roof Tile	Double Layer	Mixed (Torch/Air)	Partially Bonded	Heavy Protection
EN13970 Vapour Barrier	Multilayer	Cold Bond Glue	Loose Laid	Anti-root
▲ EN13969 Retaining Walls	Torch	Mechanical Fixing	Complimentary Layer	Other Uses
Other Uses		Thermo Ad / Self Adhesive		

ANTI-ROOT P 4 MM



 * Certificate N. 0958-CPD-DK029

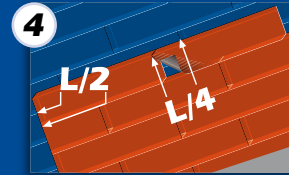
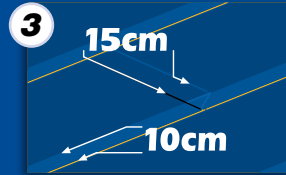
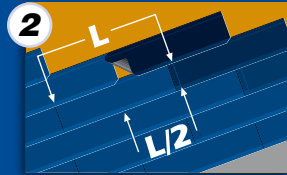
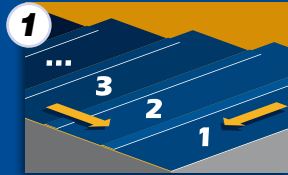
 ▲ Certificate N. 0958-CPD-DK030



 Certification body 0958

Application

- On cementitious surfaces and similar apply, by roller or airless, bituminous primer, approx. consumption 200/400 gr/m².
- To have all overlaps with the slope, position the membrane always starting from the lowest point. (Draw. N.1)
- Position the membrane sheets staggered, avoiding to create any overlaps against the slope and the drains. (Draw. N.2)
- Cut the corners of membrane sheet which will be laid under the next sheet at a 45° angle (10 x 10 cm). (Draw. N.3)
- The joints, both side and head, must be respectively overlapped by 10 & 15 cm. (Draw. N.3)
- The second layer of membrane will be applied astride and over the first one, always in the same direction, and approx. 1/4 of its length from the previous sheet. (Draw. N.4)
- The bituminous membrane will be applied with a propane gas torch to the substrate. It is necessary to heat the entire surface, except for the side & head laps, making sure that the compound forms a liquid mass in front of the roll to assure that it saturates any superficial porosity.
- The side laps (10 cm) and head laps (15 cm) will be heat welded with an appropriate torch; during this stage the overlaps should be pressed by using a roller (15 kg) from which a bead of compound should flow and therefore avoiding to have to iron the overlaps.
- The height of the verticals must be equivalent or superior to the finished surface by at least 15 cm.



Anti-root

Recommendations

- Rolls of product must be stored upright in suitable areas (roofed and ventilated) far from sources of heat, and must never be stacked one on top of another in order to prevent deformation that may compromise laying. Store the product at temperatures higher than 0°C.
- The application surface must be smooth, dry, and clean.
- The application surface must be previously treated with the appropriate bituminous primer (LARIPRIMER or ECOLARIPRIMER).
- The application surface must always be even and smooth and with sufficient slope (min. 1.5 %) to prevent ponding water.
- The product must be applied at room temperatures of above +5°C.
- Application must be suspended during inclement weather (excessive humidity, rain, etc.).
- Providing a light level of protection with acrylic paint (ACRIL BIT o aluminous (PROTEXOL) is highly recommended in order to increase the performance and duration of the roof covering for products not self-protected with natural slate or reinforced on both sides that are used as finishing layers. In such case, it is well worth waiting for the uniform oxidation of the membrane's top level (3-6 months depending on exposure and season) before proceeding to application.
- Whenever bituminous membranes protected with non-woven PPL filaments are used, the bituminous waterproof roof covering can be painted immediately after it has been laid.
- 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.

Technical data

Technical Characteristics	Measure Units	Reference Norm	P	Tolerance
Type of reinforcement			Single strand polyester	
Upper face finish			Sand or talc	
Lower face finish			P.E. film	
Watertightness	Kpa	EN 1928	60	
Length	m	EN 1848-1	10 -1%	
Width	m	EN 1848-1	1 -1%	
Thickness	mm	EN 1849-1	4	-5%
Cold flexibility	°C	EN 1109	-10	
Flow resistance	°C	EN 1110	130	
Tensile strength L / T	N / 5 cm	EN 12311-1	600/500	-20%
Elongation at break L / T	%	EN 12311-1	35/35	-15
Tearing resistance L / T	N	EN 12310-1	150/150	-30%
Static puncture resistance	kg	EN 12730	15	
Dynamic puncture resistance	mm	EN 12691	900	
Dimensional stability	%	EN 1107-1	0,3	
Root resistance		pr-EN 13948	pass	
Fire resistance		EN 13501-5	F ROOF	
Fire reaction		EN 13501-1	F	

Sizes & packing

Description ANTI-ROOT	P 4 mm
Rolls size [m]	10x1
Rolls per pallet	25
Square meters per pallet [m ²]	250

The technical data given is based on average values obtained during production. Laribit reserves the rights to change or modify the nominal values without prior notice or advice.

Laribit®

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