

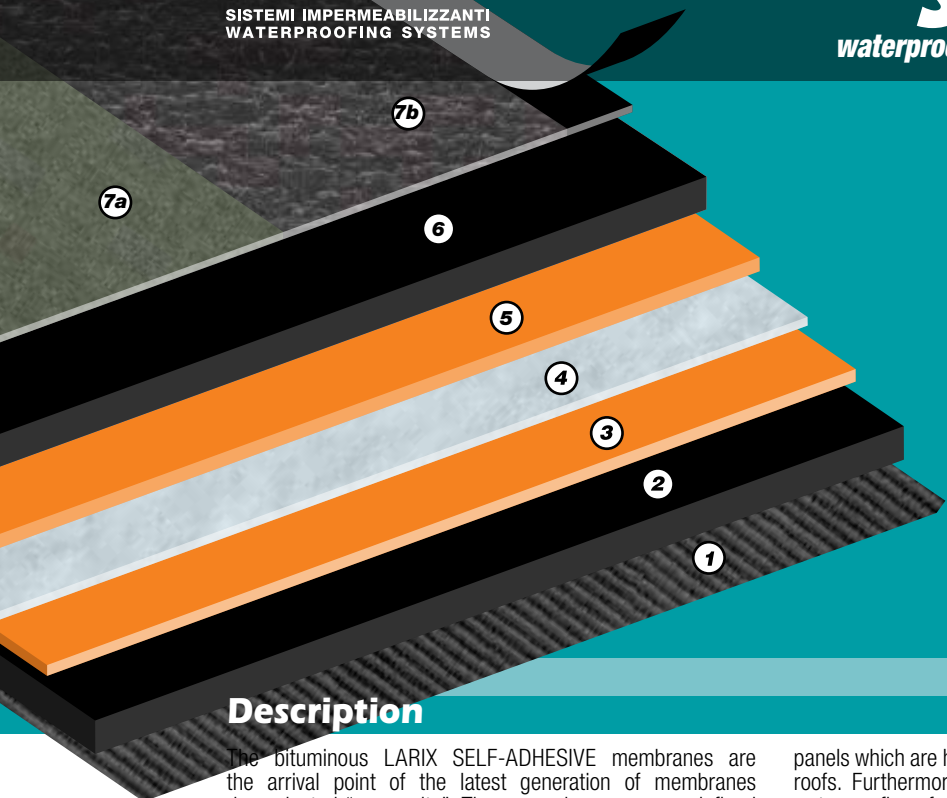
# Laribit®

SISTEMI IMPERMEABILIZZANTI  
WATERPROOFING SYSTEMS

# LARIX

## Self-adhesive

waterproofing composite self adhesive membrane



### stratigraphy

- |    |  |
|----|--|
| 1  | Silicon release film   |
| 2  | Self-adhesive waterproofing compound                                       |
| 3  | Compatibility compound   |
| 4  | Continuous single strand composite woven non woven polyester reinforcement |
| 5  | Compatibility compound   |
| 6  | Self-adhesive waterproofing compound                                       |
| 7a | Sand   |
| 7b | PE film  |

## Description

The bituminous LARIX SELF-ADHESIVE membranes are the arrival point of the latest generation of membranes denominating "composite". These membranes are so defined because thanks to new manufacturing technologies it is possible to produce materials with differentiated waterproofing mass, which allow the optimal utilization of each components properties, satisfying the different requirements. The production process avails itself of three different compound types, manufactured in separate dissolvers and sent to the respective areas of application on the production line. The first session allows the impregnation of the reinforcement which is a continuous single strand polyester using a particular compound suitable in saturating all its porosities, providing compatibility and promoting the elasticity or plasticity properties of the different applied compounds be they on the top or bottom surface. During the second session a different compound is applied on the top surface depending on the destination of use of the membrane. During the third session a particular compound with excellent self adhesive properties is applied on the lower surface, the thickness of which is calibrated. The LARIX SELF-ADHESIVE membranes are capable of resolving specific application and functional requirements and present numerous and important advantages, such as ease of application with consequential savings on time and the possibility to apply the material on surfaces which are not suitable to open flame. Therefore LARIX SELF-ADHESIVE is insuperable in the waterproofing of wood structures, insulation

panels which are heat sensitive, panel decks and refurbishment of historical roofs. Furthermore LARIX SELF-ADHESIVE can be used and allows the waterproofing of particular roof details (ex. bandaging of plastic tubes, etc.) and the possibility to also apply with the traditional application method of open flame or hot air, obtaining an exceptional level of adhesion. LARIX SELF-ADHESIVE guarantees a perfect level of adhesion to the application surface, providing the system with an excellent level of wind uplift resistance and allowing accidental infiltrations to be traced. LARIX SELF-ADHESIVE has a continuous single strand composite woven non woven polyester reinforcement with high mechanical characteristics. The lower face of LARIX SELF-ADHESIVE is protected with a removable silicon release film. The upper face is protected with a polyethylene film or sand.

## Fields of use

LARIX SELF-ADHESIVE with its innovative characteristics is indicated to waterproof a wide range of works, both civil and industrial. LARIX SELF-ADHESIVE shows its peculiarity in those applications where it is not suggestible to use open flame, for example on heat sensitive insulation panels (polystyrene), wooden roofs, metal decks and for all under roof shingle applications.

## Fields of use



**LARIX SELF-ADHESIVE P 1,5 MM**  
**LARIX SELF-ADHESIVE P 2 MM**

### EN13707 Continuous roofs (Certificato n° GB14/92056)

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
	•	•	•						•	•			•				

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

1. Apply 0.2-0.4 kg/m<sup>2</sup> of bituminous primer by roller or airless spray gun. This step is not necessary when wooden supports are involved.
2. Position the rolls to be laid dry on the laying surface, overlapping one edge over another by 10 cm at the sides and by 15 cm at the heads. (Drawing 1)
3. Remove the anti-adhesion release film that is divided in half
4. Roll the surfaces and especially the joints in order to promote the adhesion of the membrane.
5. Position eventual roof tiles, shingle, etc. (Drawing 3)



## LARIX Self-Adhesive

### Recommendations

- The LARIX SELF-ADHESIVE membranes are to be applied on dry clean surfaces which must be treated with a bituminous primer, excluded are wooden roofs except OSB boards.
- The side & head laps must be respectively of 10 & 15 cm's.
- When applying on verticals, the apex of the membrane must be mechanically fixed with a proper flashing; where possible it is advisable to go up and over the vertical and on to the horizontal surface.
- Do not apply the LARIX SELF-ADHESIVE membrane in cold and damp weather; both the membrane and application surface temperatures must be superior to +15°C.
- The rolls are to be stored in an upright position, preferably indoors in a dry and ventilated area with temperatures higher than +15°C.
- During cold weather for an easier application use an appropriate gas or hot air torch.
- The application surface must not have any depressions to avoid water ponding, and must have a slope which is sufficient enough to guarantee the run off of rain water (min. 1.5 %).
- Program periodical roof inspections to remove debris, mud, plants, etc. and to keep under control the waterproofing as well as accessory details (drain outlets, TV antennas, air conditioning, etc.).
- In the eventuality in which the element to be waterproofed presents residual humidity (ex. refurbishment, application after heavy rains) it is necessary to foresee the use of air vents, which will be positioned in a way to allow for the evacuation of the humidity.

For further information and news we recommend to consult Laribit technical literature; our Technical service is always available to study particular problems and to offer the necessary assistance for optimal use of our waterproofing membranes.

### Technical data

Technical Characteristics	Measure Units	Reference Norm	P		Tolerance
Type of reinforcement			Single strand polyester		
Upper face finish			PE film	Sand	
Lower face finish			Silicon release film		
Length	m	EN 1848-1	15 -1%		
Width	m	EN 1848-1	1 -1%		
Thickness	mm	EN 1849-1	1,5	2	±5%
Cold flexibility	°C	EN 1109	-15		
Flow resistance	°C	EN 1110	NPD		
Tensile strength L / T	N / 5 cm	EN 12311-1	400/300		-20%
Elongation at break L / T	%	EN 12311-1	20/20		-15
Tearing resistance L / T	N	EN 12310-1	120/120		-30%
Fire resistance		EN 13501-5	F ROOF		
Fire reaction		EN 13501-1	F		
Watertightness	kPa	EN 1928	60		

### Sizes & packing

	P 1,5 mm	P 2 mm
Rolls size [m]	15x1	15x1
Rolls per pallet	30	25
Square meters per pallet [m <sup>2</sup> ]	450	375

Sizes & packing may vary depending on the type of transportation.  
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**<sup>®</sup>

Laribit S.r.l. - Via Orazio Andreoli 7  
37059 Santa Maria di Zevio (VR) Italy

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

CE