

INSTALLATION GUIDE ROOFING

STEEP SLOPE

UNDERLAYMENT UNDER SHEET METAL, SLATE, TILE OR SHINGLE

Under sheet metal or metal tiles (minimum slope of 2/12)¹: LASTOBOND PRO, LASTOBOND SMOOTH SEAL HT and LASTOBOND SMOOTH SEAL HT FR

Roofs with a metallic coating are subjected to extreme temperatures. It is recommended to install an underlayment supporting high temperatures without deteriorating.

Under tile or slate (minimum slope of 3/12): LASTOBOND TU HT
To enable a maximum level of adhesion between the underlayment and tiles, RESISTO provides a membrane whose surface is made of non-woven polyester (wooly-type). The tile adhesive combined with the non-woven polyester fiber underlayment creates a very strong bond with the tiles.

12	45.0°	100%
11	42.5°	92%
10	40.0°	83%
9	37.0°	75%
8	33.7°	67%
7	30.5°	58%
6	26.5°	50%
5	22.5°	42%
4	18.5°	33%
3	14.0°	25%
2	9.5°	17%
1	4.5°	8%

RESISTO®

TILE ROOFING UNDERLAYMENT

INSTALLATION REQUIREMENTS

MINIMUM APPLICATION TEMPERATURE

- EXTERIOR PRIMER¹: -10 °C (14 °F)
- LASTOBOND PRO HT-N: 4,5 °C (40 °F)
- LASTOBOND PRO HT-S: 10 °C (50 °F)
- LASTOBOND TU HT: 10 °C (50 °F)
- LASTOBOND SMOOTH SEAL HT: 5 °C (41 °F)
- LASTOBOND SMOOTH SEAL HT FR: 5 °C (41 °F)

COMPATIBLE SUBSTRATES

The substrate must be clean and free of dust, grease or other contaminants. Nails or screw heads should be flush.

- PLYWOOD
- OSB
- ASPHALTIC PANELS (RESISTOBOARD)
- GYPSUM

TOOLS REQUIRED

- KNIFE
- BROOM
- TAPE MEASURE
- PAINT BRUSH OR STANDARD ROLLER
- HEAVY ROLLER

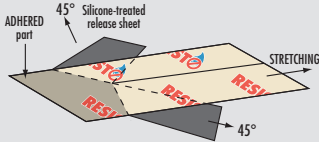
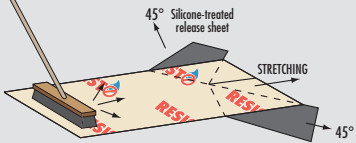
*If the membrane will be exposed for more than 24 hours before laying the roof covering and the conditions require superior adhesion, it is recommended that the substrate be prepared with EXTERIOR PRIMER before installing the underlayment.

¹The minimum slope allowed may vary depending on the type of metal covering chosen. RESISTO recommends confirming with the manufacturer of the chosen roofing material that the required minimum slope is sufficient before starting the installation of the underlayment.

UNDERLAYMENT

- LASTOBOND-PRO HT-N or LASTOBOND PRO HT-S OR LASTOBOND TU HT or LASTOBOND SMOOTH SEAL HT or LASTOBOND SMOOTH SEAL HT FR

UNDERLAYMENT INSTALLATION

1. If conditions require it, prepare the substrate with EXTERIOR PRIMER. The primer is dry when it is sticky to the touch, but not messy.
2. Position the first membrane parallel to the edge of the roof.
3. From the top of the roof, begin peeling back the silicone protective film over a length of about 30 to 40 cm by folding each half at a 45° angle to each side.
 
4. While applying pressure to the other end of the membrane, press the membrane to the support with a broom by pressing from the center toward the sides of the membrane.
 
5. Continue to remove the protective film while applying pressure with the broom on the bonded portion.
6. For the installation of our TILE ROOFING UNDERLAYMENT - HIGH TEMPERATURE LASTOBOND TU-HT, use our ELASTOMERIC SEALANT to seal the ends joints before applying the next membrane.

OVERLAPS

- Lateral : 75 mm (3 in)
- Transversal : 150 mm (6 in)

HINTS AND TIPS

For best results, install the following membrane rows diagonally while always maintaining a minimum overlap of 75 mm. The membranes must be inclined so that the overlap is towards the bottom. For example, if the first membrane edge is to the left of the roof, the top of the second strip should be tilted the left and the bottom to the right.

