

PROTECTO TAPE SPECIFICATION (EIFS TAPE)

PRODUCT DESCRIPTION

Protecto Tape is a self adhering, conformable, modified SBS (styrene-butadiene-styrene) rubberized asphalt tape. Protecto Tape has a fabric top that provides a base to which most plaster or texture coat finishing systems are able to be applied, creating a monolithic finish.

Protecto Tape can be used as a waterproofing membrane under conventional metal or timber parapet caps and also as a flashing for behind cladding junctions. Protecto Tape when used in conjunction with Protecto Wrap Detail Tape can be used to form saddle flashings or any awkward flashing requirement.

Protecto Tape is 1.0mm thick and available in 75mm, 150mm, 300mm and 400mm wide by 30m long rolls.

Accessories used in conjunction with Protecto Tape

- Protecto Tak – a light blue spray on primer/adhesive available in a 369gm can and used to prepare the surface for the application of the tapes. Can be use on a wide range of substrates including polystyrene, wall underlay, fibre cement and timber.
- #100 Primer – a solvent based primer/adhesive available in 1lt, 4lt and 20lt containers. #100 primer is applied by brush or roller and is used to prepare concrete and steel for the application of the tapes.
- Protecto Wrap Detail Tape – a highly conformable tape that can be stretched and moulded. Used to detail awkward areas before the application of the Protecto Tape.
- JS160H mastic – an asphalt mastic available in 310ml cartridges. Used at Protecto Tape junctions, terminations and penetrations.

FEATURES /BENEFITS

- Adaptable to fit most flashing requirements.
- Zero waste as tapes can be overlapped.
- Wide range of widths available.
- Can be used as a sealing bandage over fixing blocks on external walls.
- Will self seal around mechanical fasteners as long as no pilot holes are drilled.
- Can be directly plastered or rendered.
- Fast and easy to install.

STORAGE

Store all materials in a dry place at temperatures between 10°C and 32°C. Do not store in direct sunlight. Do not remove membrane from the carton until ready for use and always replace in the carton for storage.

Handling and storage of the materials, whether on-site or off-site is the responsibility of the installer.

DURABILITY

On the basis that the exposure to the weather does not exceed 90 days, Protecto Tape can be expected to have a serviceable life of at least 15 years.

When used as a waterproofing tape over the joins in RAB board the exposure can be 90 days.

SAFETY PRECAUTIONS

The materials must be kept away from direct exposure to heat and flames. Extra precautions must be taken when using the #100 primer and JS160H mastic in areas where there is insufficient ventilation. Do not breathe the fumes. Avoid contact with skin. Wear eye and face protection.

SURFACE PREPARATION

The surface to receive Protecto Tape must be clean, dry and free of any foreign matter that may adversely affect adhesion.

Allow treated timber to breathe for a minimum of 7 days before installation of Protecto Tape.

When using Protecto Tape with a given plaster or finishing system, it is advisable to confirm its suitability with the manufacturer.

Protecto Tape must be separated from sources of heat.

The use of Protecto Wrap is not designed to overcome poor detailing and workmanship.

Do not install Protecto Tape in temperatures lower than 7°C.

PRIMERS

PRIMERS (General)

The recommended primer/adhesive must be applied to all substrates before the installation of Protecto Tape. Failure to apply the correct primer/adhesive could result in tape to substrate delamination.

Ensure nail holes are filled and allowed to dry for a min. of 24 hours before applying the primer. This is particularly important when using solvent based fillers.

When using the #100 primer allow the application to cure for approx. 30 minutes before installing the tape. Primer should be touch dry when cured. The time required will depend on the air temperature.

PRIMER (Selection)

POLYSTYRENE

Use Protecto Tak spray on primer/adhesive. A light spray is all that is required. When using Protecto Tak it is necessary to keep the spray nozzle at least 150mm away from the polystyrene surface to avoid spray penetration.

WALL UNDERLAY

Use Protecto Tak spray on primer/adhesive.

Ensure wall underlay is securely fastened.

FIBRE CEMENT SHEETING

Use either Protecto Tak spray on primer/adhesive or Protecto Wrap #100 primer.

Remove excess dust from the sheet surface before applying the primer.

TIMBER

Use either Protecto

Tak spray on primer/adhesive or Protecto Wrap #100 primer.

Ensure timber has been allowed to breathe for a minimum of 7 days prior to the application.

MASONRY

Use Protecto Wrap #100 primer.

Fill voids and grind any sharp protrusions. Surfaces must be clean and dry.

STEEL

Use Protecto Wrap #100 primer.

Ensure that the surface is free of any rust, flaky paint or any material that will affect adhesion.

INSTALLATION OF PROTECTO TAPE

PRIMING

Ensure surfaces are clean, dry and free of any sharp protrusions. Apply the correct substrate primer and allow to cure where required.

DETAILING

Use Protecto Wrap Detail Tape (JS 500) in areas such as the hand rail to wall junctions, steps in the parapet or handrail, around penetrations or in any area that requires a flexible tape to create a flashing or seal. Stretch and mould the Detail Tape into position and press firmly onto the substrate.

- Ensure the correct primer is applied before installing the Detail Tape.
- The Detail Tape should be long enough to allow the Protecto Tape to overlap by a minimum of 100mm.
- The Detail Tape should be covered as much as possible with Protecto Tape.

PROTECTO TAPE INSTALLATION

- Select the most suitable roll width for the application and cut to the length.
- Shape the tape to fit; ensuring it will cover any areas that have been detailed.
- Roll up the cut length of Protecto Tape with the backing paper to the outside of the roll.
- Peel back approximately 50mm of the backing paper.

- Position the tape on the substrate and press firmly into place.
- Continue unrolling the Protecto Tape and removing the backing paper while smoothing the tape onto the substrate.
- Firmly press or roll along the top then sides of the installed Protecto Tape to ensure maximum adhesion.
- Seal all junctions, protrusions and overlaps with JS160H mastic.

Protecto Tape must extend a minimum of 50mm down each side of a parapet or hand rail.

When applying long runs of tape, tear off and discard short lengths of the backing paper as it is removed. This will assist the installation procedure.

JOINING THE TAPE

Protecto tape must be lapped a minimum of 100 mm for all joints. JS160 H Mastic must be used.

- Trowel JS160H mastic to fully cover the 100mm lap on the installed tape.
- Remove a section of the backing paper from the overlapping tape.
- With the minimum of 100mm overlap, lay the second piece of Tape into the mastic and out onto the substrate.
- Continue removing the backing paper and rolling the tape firmly into place.
- Remove excess mastic and smooth the remainder into the overlap edge.

All installed tape must be firmly pressed or rolled to maximize adhesion.

REPAIRS

Should air become trapped under the membrane at any stage of installation, puncture the bubble and expel any trapped air. Press and roll the punctured area to attach the tape to the substrate, and then apply a bead of JS160 H mastic over the puncture and trowel smooth.

NOTES

Protecto Tape is not UV

stable and must be covered. If the tape is exposed for longer than 90 days it must be replaced.

When rendering or plastering over Protecto Tape you must bed in a fibre glass mesh coat. This mesh coat must extend a minimum of 100mm past all edges of the Protecto Tape.

When installing a metal cap flashing over Protecto Tape a 5mm packer must be used under the flashing to stop the metal contacting the tape.

The membrane may discolour some sealants – It is recommended that the compatibility of sealants with the tape be checked with the sealant manufacturer before application.

Handrails must not be top fixed through the Protecto Tape.

***The building industry typically uses bitumen containing sill wraps for doors and windows. The NZBC code dictates that a sealant conforming to ISO 11600 Group F Class 25LM is to be used as the window Joint sealant. Sealants that conform to the ISO standard are NOT compatible with bitumen containing sill wraps and degradation of the sealant may occur. Even sill wraps that have a polyethylene protective film are considered as incompatible as long-term isolation of the materials is not guaranteed.**

In order to ensure a long-term seal that will meet NZBC requirements an impervious aluminium tape Danko TD830 has to be applied to the sill Tapes to provide a barrier between the tapes and the Bostik Seal n Flex1.

WARRANTY

The products are warranted to be free of defect in manufacture for a period of 15 years. This warranty is limited to the replacement of the Protecto Wrap products only.