

# 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. Protecto Tak Spray is suitable for use over wall underlay, fibre cement and timber.

**#100 Primer** – a solvent based primer / adhesive available in 1ltr, 4ltr and 20ltr containers. 100 VOC primer is an aggressive primer and is suitable for concrete, steel, timber and fibre cement. #100 primer is applied by brush or roller

**Protecto Universal Water Based Primer** is available in 4ltr and 20 ltr containers. Universal WBP can be applied by roller or brush and is suitable for polystyrene, timber and fibre cement substrates.

**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.

#### 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 all substrates are clean and dry.

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 brush on primers allow the primed surface 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 Universal Water Based Primer.

Ensure substrate is clean and dust free.

#### **WALL UNDERLAY**

Use Protecto Tak spray on primer/adhesive.

Ensure wall underlay is securely fastened.

#### **FIBRE CEMENT SHEETING**

Protecto Tak Spray, Protecto Universal Water based Primer or #100 VOC Primer

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

## **TIMBER**

Protecto Tak Spray, Protecto Universal Water based Primer or #100 VOC Primer

Ensure treated 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. Form 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 handrail.**

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 have a minimum of 100mm lap 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 60 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.

ProtectoTape is not compatible with sealants, care must be taken to ensure sealant does not come into contact with Protecto Tape or Protecto Detail Tape.

Handrails must not be top fixed through the Protecto Tape.

#### **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.