

TECHNICAL DATA SHEET

ECOBOND V

Ecobond V is an environmentally friendly adhesive that is used for the horizontal and vertical bonding of SealEco EPDM membranes on dry and slightly humid substrates.

Technical data

Base:	MS polymer
Colour:	Grey / light grey
Consistence:	Paste
Viscosity (at 20°C):	500000 - 700000 mPa.s
Density (at 20°C):	1,55 g/cm ³ ± 0,1
Shelf life:	12 months in a well ventilated and dry storage place at temperatures in between +5°C and 30°C.



Packaging

Content (ml/piece)	Pieces/box	Weight/box (kg)	Boxes/pallet	Weight/pallet (kg)
600	12	12	44	553

Availability depending on country. Please contact your local supplier for more information.

Coverage

340 - 650 g/m² for partial adhesion, depending on substrate.
1100 g/m² for full adhesion.

Directions for use

Ecobond V is a ready-to-use MS polymer adhesive specially developed for bonding SealEco EPDM membranes. Ecobond V can be applied in dry and slightly humid weather conditions at temperatures in between +5°C and 30°C. At temperatures between 5°C and 15°C SealEco recommends to pre-heat the adhesive to a maximum of 30°C prior to use. At all times, the temperature of the adhesive shall be >15°C when applying. Ecobond V is applied in beads of approximate 10 x 5 mm. The adhesive should be applied with the proper Ecobond gun and nozzle. Distance between the beads is 120 mm in case of partial adhesion. Once the adhesive is applied, do not leave it exposed for longer than 10 minutes (at 20°C, 50% RH). Place the membrane immediately and without tension on the adhesive and press the membrane with a large pressure roller or stiff brush, obtaining an adhesion width of approximate 25 mm. It is important that an opening between the strips is present, otherwise curing time will increase drastically due too the nature of a MS polymer which needs humidity to cure. Curing will take between 1 to 15 days depending on the substrate, temperature and humidity. Adhesive that has not dried out can be removed with Cleaning Wash 9700. Once the adhesive has totally cured it cannot be dissolved by cleaning and must be mechanically removed.

Suitable substrates

Ecobond V is especially developed for bonding SealEco EPDM membranes to different substrates such as: wood, concrete, cellular concrete, steel, modified bitumen and suitable insulation boards. The substrate shall have a temperature of minimum +5°C, be clean, dry, and free from oil and grease. In case of porous substrates, Primer 9800 should be applied and left to dry before applying Ecobond. Consult the installation manual for more instructions.

Note

Make sure to read material safety data sheet before usage.

Disclaimer

Information contained in this data sheet is up-to-date and correct as at the time of issue. For latest version please always check www.sealeco.com.