

TECHNICAL DATA SHEET

WATER BASED ADHESIVE WBA 001

Water Based EPDM Roofing Adhesive is a solvent free acrylic emulsion adhesive, which is designed to give good bonding strength and a longer exposure time upon application. It is used for securing EPDM onto a range of standard absorbent roofing surfaces, e.g. fibreboard, chipboard, plywood, concrete etc.



Technical data

Base:	Acrylic emulsion
Colour:	Cream / beige
Consistency:	Liquid
Density (at 20°C):	1.2 g/cm ³
Viscosity (at 20°C):	60 000 mPa.s
Solids:	55%
Shelf life:	12 months unopened, in a dry storage place at temperatures in between +10°C and 25°C.

Packaging

Weight (kg/bucket)	Content (L/bucket)
6	5
28.3	25

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

Coverage

3.5 m²/litre (300 g/m²)

Directions for use

Water Based Adhesive is ready to use and should not be mixed with other products. The adhesive can only be applied in dry weather conditions at temperatures 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. Stir the adhesive mechanically before application. The adhesive is applied using a notched trowel or roller. A coverage rate of approx 3 m² per litre should be applied on open textured surfaces, rising to a maximum of 4 m² per litre for smooth surfaces, such as plywood. The Water Based Adhesive has an exposure range of 5 to 35 minutes, depending on ambient weather conditions. The membrane should be laid into the adhesive during this period. Roll the membrane into the wet adhesive and press in with a squeegee or broom. The adhesive should exhibit complete transfer onto the reverse of the membrane. All newly laid roofs must be adequately protected from the elements. The curing time depends on the weather conditions and takes 1 to 4 days. Consult the installation manual for more instructions.

Suitable substrates

Water Based Adhesive adheres to standard SealEco rubber membranes and substrates such as; concrete, wood and insulation with facing intended for bonded application. Boards should be moisture resistant but should not be sealed with compounds which will reduce adhesion, e.g. waxes etc. Roof surfaces containing compounds liable to leach are not suitable for use with this adhesive. The substrate shall have a temperature of minimum +5°C, be clean, dry, and free from oil and grease. Consult the installation manual for more instructions.

Note

Read the safety data sheet (MSDS) 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.