



POLYMAT® Adhesive R8B4

2018-01

Solvent based membrane adhesive reactivating and for use of bonding fully adhered or partially adhered roofing and waterproofing systems as well as an adhesive for flashings and upstands in any roofing system with **POLYMAT PVC-P** designated membranes.

Application in a 2-step process on dry and clean surfaces- also on slopes, observing the chemical compatibilities of PVC-P membranes.

Surfaces for direct bonding of PVC-P membranes, such as **POLYMAT Roof UV-R** and **HM**, **POLYMAT Roof -R** and **HM** (without fleece-back):

- Solid and clean surfaces:
- PUR and PIR insulation boards with glass or mineral fiber fleece cover
- Metals and steel, galvanized, Aluminum
- Concrete and other mineral based surfaces (plasters)
- Light weight concrete with sufficient compressive strength
- Plywood and other smooth surfaced wooden boards (e.g. OSB)
- Gypsum boards
- Polyester, hard-PVC
- Tiles, etc.

Application: Lamb-wool roller

Application method:

Refer to the Roofing installation manuals for **POLYMAT Roof UV-R** and **HM** and **POLYMAT Roof -R** and **HM**, **POLYMAT Roof -UV-R FB**, **POLYMAT Roof -R FB** as well as **POLYMAT Base HM** and **-R**, **POLYMAT Base HM FB** and **-R FB**.

The adhesive must be stirred carefully before use. Close the container if work is stopped for a time longer than 20 min.

Contact bonding for (bare) POLYMAT Roof membranes (without fleece-back):

The adhesive is spread evenly to the substrate using a lamb wool roller. Do not apply the adhesive to an area greater than can be covered in one day.

Allow the adhesive to dry completely. Apply two coats of adhesive on absorbent substrates (the first coat must have dried out completely before the second is applied).

Position and straighten the roof membrane. Apply the adhesive evenly on the underside of the roof membrane (note: welding seam overlap area must be free of adhesive).

Once the adhesive has been allowed to evaporate sufficiently (finger test), install the sheet.

The time to be allowed for evaporation depends on the temperature, air humidity, condition of the substrate and quantity of adhesive.

On surfaces the membrane is pressed down by means of a pressure roll or roller.

In joining and flashing areas press down firmly using a roller. At places which will be exposed to stresses immediately after bonding (edges), the membrane shall be pressed down immediately using a roller.

Bonding of Fleece-back membranes: POLYMAT FB membrane types

The adhesive is spread to the substrate evenly using a roller. Do not apply the adhesive to an area greater than can be covered in one day.

Allow the adhesive to dry completely. Position and straighten the roof membrane.

Apply a second coat of adhesive evenly over the substrate.



The felt-backed roof membrane is laid directly on the wet adhesive and pressed down flat using a pressure roll or roller.

Product data:

The adhesives are processed according to the EN standards hereunder:
EN 1324 determination of shear adhesion strength of dispersion adhesives.
EN 1346 determination of open time.
LEED cr. EQ 4.1 Total volatiles for adhesives and sealants
DIN 18 365

Product Characteristics:

- low solvent acrylic adhesive
- Color: cream
- Viscosity 35,000 - 40,000 mpa/s
- Density 1.40 g / cc
- pH 7.9 – 8.5
- bonding time 10 minutes approx. (subject to environmental and surface conditions)
- Open time 10-30 minutes
- Coverage 200-400 g / m²

Packing: 5 kg containers
on demand, subject to consignment: 20 kg containers

[Application Department BITUMAT Dammam](#)