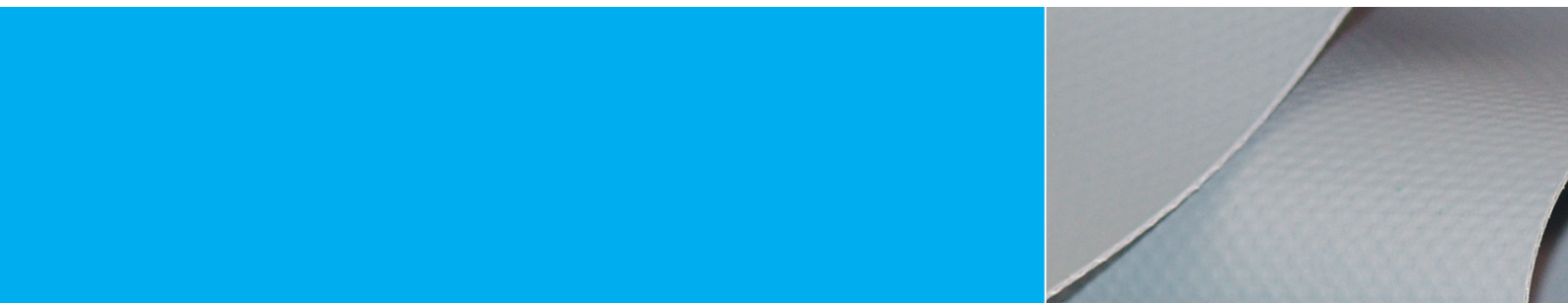


Monarplan PU Glue (FB)

7625002



Description

Monarplan PU Glue Fully Bounded is a moisture curing polyurethane system for the adhesion of roof covering materials on various substrates, developed for roller or squeegee application.

Technical data

| | |
|-------------------|---|
| Type of product | : adhesive based on polyurethane prepolymer |
| Colour | : blue |
| Viscosity (20 °C) | : 2,000 ± 400 mPa.s |
| Flash point | : < 0 °C (Closed cup) |
| Density (20 °C) | : 1,000 ± 10 kg/m ³ |
| Solids | : 81 ± 2 % |
| Shelf life | : 9 months if stored cool in unopened original packing. |

Directions for use

Monarplan PU Glue Fully Bounded is particularly suitable for the adhesion of fleece laminated roof covering materials on different substrates. As a result of its special formulation, in which physical drying and chemical crosslinking have been combined, the penetration of the adhesive is limited also when strongly absorbing materials are concerned.

Substrates

Concrete, cellular concrete, mineralised bituminized roofing material, aged bituminised roofing material, laminated insulating material, wood, etc.

The bonding on non-laminated insulating material is also possible, but it is important to apply the adhesive in a thin layer (ca. 160 gram/m²) and to distribute the adhesive adequate (adhesive accumulation must be avoided) and to wait for several minutes before applying the roofing material. This is special important by bonding on nude Polystyrene-foam, because otherwise the foam might be attacked especially at high application temperatures.

Monarplan PU Glue Fully Bounded is not suitable for the bonding on old PVC-membrane. By application on other polymeric or elastomeric membranes additional bonding-tests

must be done. Substrates should be solid, clean and free from ponded water. Carefully remove the latter, if present.

Adhesive Consumption

150 - 400 gram/m² depending on smoothness of the substrate and on the materials to be bonded. Apply with a roller or squeegee an even layer of Monarplan PU Glue Fully Bounded on the entire surface and leave the adhesive for some minutes before applying the membrane, this strongly increases the initial strength.

Open time

Maximum approved open time approximately 15 minutes. Do not apply more adhesive than can be covered in 15 minutes. The roof covering material requires to be unrolled before skinning has started and has subsequently to be pressed down.

Setting time

- Depending on temperature and humidity: 1 - 5 hours.
- In the case of dry substrates and low humidity, substrates or covering material should be moistened.
- Minimum processing temperature: + 5 °C.
- In case of lower temperatures it is advisable to warm up the containers in warm water of approximately 40 °C (do not boil).

11/2010 All information in this leaflet is based on our practical experience and reliable laboratory evaluations. Nevertheless, we cannot assume any responsibility for its use, the circumstances under which the products are stored, handled and used being beyond our control.