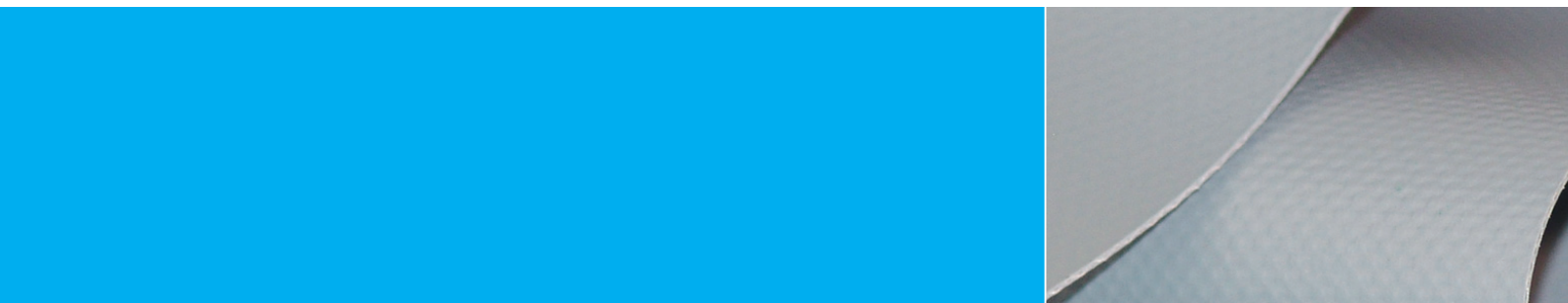


Monarplan PU Glue (PB)

7625005



Description

Monarplan PU Glue Partial Bounded is a moisture setting polyurethane system for the adhesion of roof covering materials on different substrates.

Technical data

type of product	: adhesive on the basis of polyurethane prepolymer
colour	: golden brown
viscosity (20 °C)	: 4,600 ± 1,000 mPa.s
flash point	: < 0 °C (Closed cup)
density	: 1,080 ± 10 kg/m ³
solids (20 °C)	: 82 ± 2%
shelf life	: 9 months if stored cool in unopened original packaging

Directions for use

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

Substrates

Concrete, cellular concrete, mineralised bituminized roofing material, etc.
Substrates should be solid, clean and free from ponded water.
Carefully remove the latter, if present.

Adhesive Consumption

150-250 g/m² depending on smoothness of the substrate and on the materials to be bonded. The adhesive has to be applied in ridges (25-40 g/m), 6 ridges per meter will mostly be sufficient. For the border and corner zones the adhesive application requires an extra of approx. 50%.

We recommend to spread these ridges by means of a flat trowel to adhesive strips of approx. 5 cm width, followed by an open time of 5-10 minutes. This results in a quick build up of the initial bonding strength and an increase of the bonded surface.

Open time

Do not apply more adhesive than can be covered in max. 20 minutes.
The roof covering material requires to be unrolled before skin formation sets in and has subsequently to be pressed down. After approx. 30 minutes the bonded roofing has to be roll-pressed again.

Setting time

Depending on temperature and humidity: 1-5 hours.
In case of dry substrates and low humidity substrates or covering material should be moistened.
Minimum processing temperature is + 5°C. In case of lower temperatures it might be recommendable to heat up the containers in hot water to approx. 50°C (do not boil the product).

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.