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SIMALFA[®] 360

Technical Data Sheet

Adhesive:

SIMALFA[®] 360 is a solvent-free dispersion roller adhesive with a water base used for the bonding of foams. The adhesive shows an excellent drying property and high flexibility. The adhesive is applied to one side by means of roller equipment.

Specifications:

Composition:	Dispersion of Acrylate in water
Appearance:	white
Solid content:	approx. 74%
Density:	ca. 1.06 g/cm ³
pH-value:	3.8 - 4.8
Viscosity:	ca. 7'000 mPas (Brookfield RV, Sp. 4, 20 rpm)
Application quantity:	ca. 50...100 g/m ²
Open time:	approx. 2 min.
Final adhesion:	approx. 1 - 24 hours, depending on the material
Shelf life:	at temperatures +5°C...+30°C, in unopened original packaging 6 month
Cleaning:	Water

The adhesive is sensitive to frost. Temperatures below 0°C destroy the adhesive!

Features:

One side application, very fast drying, immediate vacuuming and packaging possible, product does not contain halogenes (free of chlorine)

Very high initial adhesive strength immediately after drying, solvent-free, no hazards, one-sided applicable, high solid content

Application:

Foams
Latex foam, polyether foam, PU foam, etc.

Application equipment:

Counter-rotating rollers, Blade Roller
Wetted parts: Stainless steel (V2A) or plastic

Feeding:

Free Flowing System, pressure pot (max. 1.0 bar)

Processing:

one side application by roller, heat drying at approx. 60°C, make sure product is not completely dry to achieve good adhesive transfer to the other foam part, joining the parts within open time, apply pressure

Important notice:

The usual precautionary measures have to be taken, the same as when handling chemical products. This includes a well ventilated working place, particularly when larger quantities are processed. For technical data see according safety data sheet. The particulars on this data sheet are based on our present knowledge and experience. Of course each user has to make his own tests when using our products. Our data sheet cannot be considered legally binding in the case of certain material or suitability for all applications. Rules and legislation in each country have to be taken into consideration and we cannot be held responsible for local regulations unknown to us. In the case of inconsistencies between different translations, the German version shall prevail.

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