

SIMALFA® 3702

Technical Data Sheet

Adhesive:

SIMALFA® 3702 is a solvent-free 2-component (2K) dispersion adhesive with a water base for the bonding of foams and upholstery material. This adhesive has excellent wet sticking property as well as good heat resistance. The initial adhesive strength of SIMALFA® 3702 is achieved by adding Accelerator 10 during the spraying process. The adhesive has to be applied to both sides by means of low pressure 2-component spray guns (HVLP).

Specifications:

Composition:	PU dispersion in water
Appearance:	white
Solid content:	approx. 48%
Density:	approx. 1.07 g/cm ³
pH-value:	7.8 - 9.0
Viscosity:	10 ... 20 mPas (Mettler BE-11, 750 rpm)
Heat resistance:	approx. 70°C
Application quantity:	approx. 40 - 100 g/m ²
Open time:	approx. 5 - 10 min.
Final adhesion:	approx. 1 - 24 hours, depending on the material
Shelf life:	at temperatures +5°C...+30°C, in unopened original packaging 4 month
Cleaning:	Water (ALFA Cleaner is recommended)

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

Features:

Product does not contain halogenes (free of chlorine)
 Very high initial adhesive strength immediately after spraying without additional drying time, high heat resistance, solvent-free, no hazards, high solid content, non-flammable

Application:

Foam and upholstery industry
 Latex foam, polyether foam, PU foam, PE foam, upholstery material, cardboard, felt, etc.

Application equipment:

SIMALFA® Primus 2K, nozzle size 1.2 mm
 SIMALFA® G11 2K, nozzle size 1.2 mm
 Wetted parts: Stainless steel (V2A) or plastic

Feeding:

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

Processing:

Is applied on two sides by the contact method with mixing the adhesive with Accelerator 10 during the spray application. Mixing ratio of approximately 100:5.

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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