

SIMALFA[®] 822 OF

Technical Data Sheet

Adhesive:

SIMALFA[®] 822 OF is a solvent-free 2-component (2K) dispersion adhesive with a water base for the bonding of foams, upholstery materials and more. The adhesive has an excellent initial tack and high flexibility as well as good heat resistance. The initial adhesive strength of SIMALFA[®] 822 OF is achieved by adding Accelerator 18 during the spraying process. The adhesive, depending on the grade, is applied to one or both sides by means of low pressure spray gun (HVLP).

Specifications:

Composition:	Dispersion of CR polymer in water
Appearance:	white
Solid content:	approx. 44,5%
Density:	approx. 1.06 g/cm ³
pH-value:	11.5 - 13.0
Viscosity:	500 ... 3600 mPas (Brookfield RV, Sp. 2, 20 rpm)
Heat resistance:	approx. 80°C
Application quantity:	approx. 60 - 150 g/m ²
Open time:	approx. 5 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:

Very high initial adhesive strength immediately after spraying without additional drying time, high heat resistance, solvent-free, no hazards, also one-sided applicable, 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 - 2.5 mm
 SIMALFA[®] G11 2K, nozzle size 1.2 - 2.5 mm
 Wetted parts: Stainless steel (V2A) or plastic

Feeding:

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

Processing:

Is applied on one side only or on two sides by the contact method with mixing the adhesive with Accelerator 18 during the spray application. Mixing ratio of approximately 5:1.

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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