

CONLOC AKTIVATOR 953

is a ready-to-use, solvent-based liquid for activating the curing process of the adhesive CONLOC UV 683.

APPLICATION

For laminated safety glass and other UV-impermeable materials as well as in shaded areas, the CONLOC AKTIVATOR 953 can be used to cure the adhesive CONLOC UV 683 even without UV irradiation. For laminated safety glass bonding, the daylight-curing adhesive CONLOC UV 688 can also be used. Complies with Data Sheet No. 35 issued by German association IVD Industrieverband Dichtstoffe e.V.

Application:

Bonding of glass in U-shaped rails · Fittings and handles that cover each other · UV-impermeable applications

INSTRUCTIONS

- ① Before applying the activator, the bonding surfaces must be cleaned and dry and free of dust and release agents. Apply a thin layer of CONLOC AKTIVATOR 953 to one of the adhesive surfaces, whereby the ratio of activator to adhesive should be approx. 5:95.
- ② During a short flash-off time, the adhesive is applied to the other adhesive surface and the two parts are joined together. Adjustments can be made for a few seconds, after which the adhesive should be left to cure.
- ③ Limited adhesion is achieved within a few minutes.
- ④ Full adhesion is achieved after approx. 4 hours.
- ⑤ As discoloration of the adhesive is possible with this method, it is not recommended for joints where the color of the adhesive matters.

SPECIFICATIONS

Specifications	Results
Chemical base	butyraldehyde/butylamine compound in org. solution
Density	approx. 0.8 g/cm ³
Solids content	100 %
Flash point	> 100 °C
Viscosity	approx. 50 mPas
Consistency	low viscosity, capillary action
Gap width	0.05 - 0.1 mm
Irradiation	UVA 320-400 nm
Activator needed	no
Shore D hardness	approx. 75
Tensile shear strength	15 N/mm ² [see page 2]
Linear shrinkage	approx. 8 %

AVAILABILITY AND STORAGE

Colors	transparent
Packaging	<ul style="list-style-type: none"> ■ 20 g plastic bottle ■ 100 g plastic bottle ■ 250 g plastic bottle
Shelf life	Can be stored in its original packaging in dry and dark conditions [without UV exposure] in a normal climate: <ul style="list-style-type: none"> ■ 6 months

SAFETY INFORMATION

Complies with	Regulation (EC) No 1907/2006 (REACH) and No. 1272/2008 (CLP)
Labelling	see SDS
Safety instructions	see SDS
Disposal	see SDS

INFORMATION

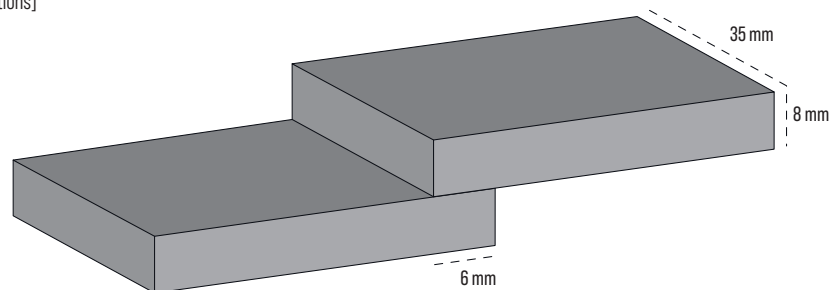
In addition to the information given in this technical data sheet, please also observe the relevant DIN EN ISO standards as well as the rules and regulations of other institutions when planning your project. The information given and the suggestions made for the application of our products are based on our use-oriented tests, our product and technical know-how, as well as on our practical experience. Because of conditions of use and application outside of our control and the large number of different materials, the user is advised to conduct his own tests in order to determine the suitability of our products for his particular application.

In general we recommend to bond the parts in question and then test the adhesive strength (impacts, movement etc). Please also take into account the thermal stress to be expected. In case of questions please contact us for advice. Whilst every care has been taken in the preparation of this information, no warranty is given or implied in connection with any recommendation or suggestion made herein. Please note that all previous versions of this data sheet are invalid.

TEST SPECIFICATION

Test specification tensile shear strength

[see specifications]



- based on adhesive surface of 6 x 35 mm overlapping
- GLASS/GLASS bonding
- UV irradiation is possible with suitable UV lamps
- measured under normal climate +23 °C [50 % humidity]
- Pull-off speed 1mm/minute
- Surface cleaning with **EGO REINIGER SOFT**

For warnings refer to the Safety Data Sheet. The above information is the result of thorough research; previous information is hereby invalidated. Check for yourself whether the product is suitable for your purposes. Our possible liability is limited to the value of our product as such. We cannot accept any liability for indirect damage, in particular for the application or unusability of the product. No one is authorized to make recommendations or assurances on our behalf that go beyond the content of our information sheets.