

## **HF-KLEBER**

**Properties:**

*HF-KLEBER* is a viscous pressure-sensitive adhesive that was especially developed for the fixation of water-expanding rubber profiles on concrete and steel.

Due to its raw material base, high adhesion is achieved in the bonding of water-expanding rubber profiles, as the water-expanding rubber profiles also consist of polychloroprene.

**Technical data:**

Substance data:

Consistency	liquid	
Colour	clear	
Odour	solvent-like	
Spec. density (23°C)	approx. 0.9 g/cm <sup>3</sup>	DIN EN ISO 2811-1
Dyn. viscosity (23°C)	approx. 4300 mPas	DIN EN ISO 2555
Processing temperature	5 - 30°C	substrate temperature

**Processing:**

The subsurface must be dry, hard, stable, unsoiled and free of separating substances (grease, oil etc.).

*HF-KLEBER* is applied thinly with a brush or a flat palette-knife. The water-expanding rubber is pressed in after the flash off time. Approx. 30 to 40 g/rm are necessary, depending the contact surface of the water-expanding rubber profile to be bonded and the subsurface texture.

Extremely high humidity could produce a build up of dew on the adhesive film that would impede adhesion of the parts to be bonded.

*HF-KLEBER* should not be used on rough and/or wet subsurfaces. The use of *FIX-O-FLEX* adhesion and sealing compound is recommended in preference to *HF-KLEBER* under such conditions.

**Safety information:**

*HF-KLEBER* contains solvents and is classified as hazardous according to Regulation (EC) 1272/2008 (CLP).

Danger: Highly flammable liquid and vapour.

It is therefore necessary, before beginning processing, to become familiar with the precautions and safety advice as indicated in the material safety data sheet.

**Packaging:**

660 g tin

Bigger packaging on request.

**Storage:**

Shelf life at least 9 month in original packaging when stored in dry conditions between 15-25°C, protected from heat, frost and direct sunlight.

After the expiration the use of the product is generally not recommended, unless an approval has been provided by TPH. This approval can only be obtained by the quality assurance department of TPH releasing the material after verification of main properties being within specification..

**Disposal:**

Small quantities of cured product residues can be disposed of as normal domestic waste. Dispose of not cured product components must be effected in accordance with the corresponding local regulations. For further information please refer to the material safety data sheets.

**Legal notice:**

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

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**TPH.**  
*Waterproofing Systems*