

FIX-O-FLEX H

Properties:

FIX-O-FLEX H is a single-component, paste-like sealing compound on a silyl modified polymere (SMP) basis, that cures into an elastic product when in contact with moisture.

FIX-O-FLEX H is a multi-purpose compound e.g. for timber structure joints in compliance with DIN 18540-F, connection and movement joints in interior and exterior areas, for windows and doors, sanitary grouting and timber and metal structures.

FIX-O-FLEX H is highly UV resistant and can be coated over.

Technical data:

Consistency	:	paste-like
Colour	:	white or concrete grey
Odour	:	odourless
Spec. Density	:	1.5 g/cm ³
Hardness *	:	approx. 25 (Shore A Type)
Max. movement absorption	:	25 %
Skin formation time **	:	approx. 2 to 3 h
Completely hardened **	:	approx. 2 mm/24 h
Processing temperature	:	5° - 40°C (temperature of structural component)
Temperature resistance	:	approx. -40° to +80°C
Delivery form	:	600 ml tubular bag
Storage	:	cool and dry, approx. 9 months in original containers

(* measurement after 4 weeks curing at 23°C / 50 % rel. humidity)

(** measurement at 23°C / 50 % rel. humidity)

Processing:

The subsurface must be hard, stable, unsoiled and free of separating substances (grease, oil etc.). Subsurfaces must be free of substances containing tar as this would reduce adhesion.

FIX-O-FLEX H should be sprayed with pressure evenly onto the adherent area. We recommend the *manual applicator Z2* or a an equivalent toothed-rack and pinion syringe for processing the tubular bags. Containers already opened should be used up as quick as possible. Adhesion to plastics that are difficult to bond e.g. PE or PP (polyolefin) should be checked prior to application. A preliminary compatibility test is necessary for the application on coated surfaces.

The application of a primer, e.g. *FIX-O-FLEX Primer*, is prescribed for jointing in compliance with DIN 18540-F on concrete, porous concrete, cement, gypsum etc. Two applications of primer might be necessary in the case of highly absorbent surfaces. However, *FIX-O-FLEX Primer* can only be applied on dry surfaces. We recommend to use *HYDROPOX* primer for wet subsurfaces. *FIX-O-FLEX H* can be used without primer on contact surfaces such as e.g. aluminium, galvanized sheet plate, PVC, PS, macrolon etc.

The time for complete hardening depends on humidity and temperature. Time for complete hardening can be shortened by increasing temperature and humidity.

Test certificates:

- Examination of the sealing compound *FIX-O-FLEX H* in the sense of the Foodstuffs and Commodities Act (LMBG); Institute Fresenius Taunusstein 2000

- Pull-off resistance test of *FIX-O-FLEX H* on plastic modified bitumen thick coating; MFPA Leipzig 2003
- Capability of *FIX-O-FLEX*, *FIX-O-FLEX H* and *FIX-O-FLEX VG* to withstand fluids highly aggressive to concrete and sulphuric acid pH 1; MFPA Leipzig 2003

Please note:

FIX-O-FLEX H does not contain any solvents, isocyanates or silicone. The precautionary measures and safety recommendations included in the Safety Data Sheet must be read and understood prior to starting work. Even in the case of products where no marking is required, the standard precautionary measures applicable for chemical products should be observed.

FIX-O-FLEX H contains aminosilane that can cause allergic reactions.

Proper and as a result successful use of our products is beyond our control. For this reason we can only guarantee the quality of our products within the framework of our Terms and Conditions of Sale and Delivery, not, however, for their successful processing. All data and information in these instructions are based on the latest state-of-the-art technology, we expressly reserve the right to make modifications or adaptations to the development. The consumption data quoted by us can only be average experience values, deviations in individual cases are possible and can therefore not be excluded.

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