

FIX-O-FLEX VG

Properties:

FIX-O-FLEX VG is a single-component, low-viscous sealing compound on a silyl modified polymere (SMP) basis, that is cured into an elastic product by moisture.

FIX-O-FLEX VG is highly recommended for the grouting of horizontal joints where movement is to be expected.

FIX-O-FLEX VG acts as a permanently elastic joint seal for joint renovation, e.g. in combination with acrylate gels or TPH hydrophilic rubber.

FIX-O-FLEX VG is suitable for the water-pressure-tight sealing of blanking plugs in the case of fibre-cement formwork tie rods or balcony sealing (see test certificates).

FIX-O-FLEX VG is even suitable for adhesion on slightly moist subsurfaces.

FIX-O-FLEX VG can be coated over.

Scope of application:

- primer-less bonding and sealing on polyester (GFK), PVC, plexiglass, polystyrene, macrolon, steel, stainless steel, aluminium, concrete, clinker, marble, glass and wood
- sealing compound for horizontal joints where normal movement is expected (max. 25% movement absorption)
- sealing and bonding even on slightly moist subsurfaces

Technical data:

Consistency	:	self-levelling
Colour	:	black
Odour	:	odourless
Spec. Density	:	1.7 g/cm ³
Dyn. viscosity	:	approx. 1000 mPas
Hardness *	:	approx. 25 (Shore A Type)
Max. movement absorption	:	25 %
Skin formation time **	:	approx. 1 h
Complete hardening **	:	approx. 2 mm/24 h
Processing temperature	:	5° - 40°C (temperature of structural component)
Temperature resistance	:	approx. -40° to +80°C
Delivery form	:	290 ml cartridge; 4 kg tin bucket
Storage	:	cool and dry, approx. 12 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 VG should be applied with pressure evenly onto the adherent area. We recommend the *manual applicator Z1* for processing the cartridges. Due to its low viscosity, *FIX-O-FLEX VG* can also be applied by brush or roller. Containers already opened should be used up as quickly 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 strength of adhesion on matt moist concrete surfaces is similar to that on dry primed concrete. *FIX-O-FLEX VG* can be used without a 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:

- Tightness test of fibre-cement tie bars sealed with *FIX-O-FLEX VG*; MFPA Leipzig 2003
- Capability of *FIX-O-FLEX*, *FIX-O-FLEX H* and *FIX-O-FLEX VG* of resisting fluids highly aggressive to concrete and sulphuric acid pH 1; MFPA Leipzig 2003
- Application technique test of a balcony sealing with *FIX-O-FLEX VG*; MFPA Leipzig 2004

Please note:

FIX-O-FLEX VG 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 VG* 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.

TPH. 100908