

HYDROPOX FLEX F

Properties:

HYDROPOX FLEX F is a 2-component epoxy resin fine mortar (PC mortar) for repairing interior and exterior concrete surfaces. Due to its specific grading curve *HYDROPOX FLEX F* can be applied as a fine filling compound. The particular material basis of *HYDROPOX FLEX F* makes application even on matt moist subsurfaces possible. Due to its flexibility *HYDROPOX FLEX F* is better suited for absorbing movements and vibrations of the structural component than rigid PC mortar.

Technical data:

Storage	: dry between 15 and 25°C, in original containers approx. 6 months if protected from frost and direct solar irradiation
Processing temperature	: 8 - 30°C (temperature of structural component)
Processing time	: approx. 60 min. (20°C)
Complete curing	: 6 h (completely dry), 24 h (walkable), 7 d (completely cured)
Pull-off resistance on concrete*	: 2.13 N/mm ² (dry subsurface; fracture appearance KB**) 3.00 N/mm ² (matt moist subsurface; fracture appearance KB**)
Bending tensile strength*	: 18 N/mm ²
Compressive strength*	: 34 N/mm ²
Delivery form	: 10 kg Combi-container

*) Pull-off resistances, bending tensile strength and compressive strength indicated are average values. Determination of the actual pull-off resistance of individual batches could produce slightly differing values, this in no way affects product suitability.

**) KB = cohesion fracture in concrete (fracture in the material).

Processing:

The subsurface must be stable and free of separating substances. Insufficiently firm layers and concrete slurry must be removed. For this purpose the subsurface must be prepared by suitable mechanical processes such as e.g. shot blasting, milling and subsequent shot blasting or blasting with other hard blasting abrasives.

HYDROPOX FLEX F is supplied in a set defined ratio of components (A : B). For the processing, the B component (hardener) is completely filled into the A component (resin mixture) and homogeneously mixed by means of a slowly moving stirring device (max. 60 rpm) until a uniform grey colouring is produced. Mixing must be carried out for at least 3 minutes. The mixture must be used up within 60 minutes.

Surfaces should be treated with *HYDORPOX EPG* or *HYDORPOX FLEX EPG* immediately prior to applying *HYDROPOX FLEX F*.

HYDROPOX FLEX F should be applied in a thick layer with a flat end trowel over the freshly treated surfaces and worked in well.

Please note:

In compliance with valid EU directives, *HYDROPOX FLEX F* must be appropriately marked. For this reason the precautionary measures and safety recommendations included in the Safety Data Sheet must be read and understood prior to starting work.

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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