



ARDEX FB

Pourable resin

- Epoxy resin base
- Highly flowable
- Excellent penetration
- As a bonding agent between substrates and fresh mortar and concrete



Area of application

Filling, dowelling and force-fit bonding of cracks and false joints (cut joints) in floor screeds – including heated screeds – and other substrates.

Bonding agent between substrates and fresh mortar, old and new concrete.

For outdoor and indoor use.

Art

ARDEX FB Pourable resin consists of the grey epoxy resin component F and the clear hardener component B. To use, thoroughly mix the two components in the specified quantities.

Processing

Add hardener component B to the can containing resin component F and mix with a wooden spatula to form a smooth ARDEX FB Pourable resin. ARDEX FB Pourable resin can be processed for approx. 90 minutes at temperatures between +18°C and +20°C. Lower temperatures extend, higher temperatures shorten the working time.

Widen cracks and false joints in the substrate or floor screed by cutting them open, then vacuum or blow out the dust, secure with structural steel rods across the cracks if necessary and fill with ARDEX FB Pourable resin.

Drill fine cracks up to 2/3 of the screed thickness and fill cracks and drill holes with ARDEX FB Pourable resin. Make sure that the drill holes, which should have a minimum

diameter of 12 mm, always follow the direction of the crack and that the hole edges are cleaned of dust before filling with ARDEX FB Pourable resin. If necessary, place the dowels at intervals of 10 cm. Keep cracks and drill holes filled by pouring ARDEX FB Pourable resin into them.

For cracks wider than 5 mm and breakouts larger than 15 mm, ARDEX FB Pourable resin can be filled with quartz sand or powder from underfloor levelling compounds or thin-bed mortars to increase viscosity. The fresh repair areas are sprinkled with quartz sand to achieve a bonding agent.

As a bonding agent between old and new concrete or between the substrate and fresh screed mortar, apply ARDEX FB Pourable resin in a thin layer to the substrate using a trowel. Apply the fresh mortar to the fresh casting resin.

The substrate can be damp or dry, but must be solid and free of wax, oil, dust and other release agents.

In case of doubt, carry out a test application.

ARDEX FB Pourable resin must be applied at temperatures above +5°C.

The amount of material required depends on the width and depth of the cracks, joints and drill holes and can be up to 300 g/m².

Approximately 1 kg/m² of ARDEX FB Pourable resin is required as a bonding agent.



ARDEX FB

Pourable resin

Please note

Stiffening of the resin component during storage has no effect on the quality of ARDEX FB Casting Resin and can be reversed by warming the containers before mixing.

Note

The information in our safety data sheets must be observed.

For commercial users only!

Additional information

Handle with care during processing: avoid dust formation and release into the environment.

Dispose of the container and its contents in a solidified state in accordance with applicable local/regional/national/international regulations.

Technical data according to ARDEX quality standard

Mixing ratio approx.	Condition Is specified by the container	
Material requirement approx.	Consumption 1 kg/m ²	Condition As a primer coat
Fresh weight approx.	1,50 kg/l	
Application properties		
Processing time approx.	90 Minute(s)	
Can be walked on after approx.	24 Hour(s)	
Load capacity	After 1 day	
Application Ambient conditions	+20°C	
Mechanical properties		
Bending tensile strength approx.	Time After 1 day After 3 days After 7 days After 28 days	Bending tensile strength approx. 25 N/mm ² 30 N/mm ² 35 N/mm ² 35 N/mm ²
Compressive strength approx.	Time After 1 day After 3 days After 7 days After 28 days	Compressive strength of approx. 40 N/mm ² 50 N/mm ² 55 N/mm ² 65 N/mm ²
Product details		
Labelling according to GHS/CLP	Labelling according to GHS/CLP See relevant safety data sheet See relevant safety data sheet	Component Resin Hardener
Self-service regulation	3	
Labelling according to ADR	Component Resin Hardener	Labelling according to ADR See relevant safety data sheet See relevant safety data sheet
Packaging	Tin containing 1 kg net, packed in 10 pieces	
Storage	In dry rooms. ARDEX FB Casting Resin can be stored for 1 year in its original sealed container. Setting of the resin component F during storage has no effect on the quality of ARDEX FB Casting Resin and can be reversed by warming the container before mixing.	