

VOGAPAIR 152

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VOGEL SYSTEMS Technical data sheet
Date / Revised: 19.09.2018
Product: **VOGAPAIR 152**

Version: 1.0

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1. Identification

Product identifier

VOGAPAIR 152

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Product for construction chemicals
Recommended use: for industrial and professional users



Details of the supplier of the safety data sheet

E-mail address: info@vogel-systems.de

Emergency telephone number

International emergency number

Fiber Polymer Modified Repair Mortar

DESCRIPTION

VOGAPAIR 152 is a high strength, polymer modified, portland cement mortar designed for repairing of vertical and horizontal surfaces of concrete and masonry. **VOGAPAIR 152** is a two component, solvent free epoxy floor coating system, which provides hardwearing, abrasion-resistant flooring system.

APPLICATION FIELDS

VOGAPAIR 152 is used for general repair purposes of damaged or spelled concrete , repairs honeycombs , cracks and fissures.

ADVANTAGES

1. Excellent weathering resistance.
2. Rust inhibiting properties since it does not contain calcium chloride.
3. Non-shrink, non-toxic & non-flammable.
4. Can be used for filling voids or holes in floors.
5. Reduces rate of diffusion of carbon dioxide & chlorides.

APPLICATION INSTRUCTIONS

VOGAPAIR 152 must be applied to a clean, dry substrate free from laitance, dust, dirt, oil, grease and other contaminants.

- Clean and dampen the concrete surface with water.
- If steel is heavily corroded that significant loss of section has occurred, add new steel. (Please consult a qualified engineer.

APPLICATION

- Apply a slurry coat by brush over reinforcing rods and concrete.
- Slush mix under and make sure all cracks and voids are filled.
- mix VOGAPAIR 152 to a thicker consistency and apply layers of 20-25 mm.
- Scratch each layer before applying the next in order to improve the bonding.
- Each new layer should be applied within 1-2 hour.
- Remodel to the original profile.

TECHNICAL DATA

Product characteristics	
Compressive Strength 7 days(ASTM C579)	45-50 N/mm2
Flexural Strength (ASTM C580)	6-8mN/mm2
E- Modules	25000 N/mm2
Adhesion strength to concrete (BS 1881)	>2 N/mm2
Color	Grey
Pot life at 25 °C, (hours)	30 min
Specific gravity	42 ±2 %
Diluents	20 ±0.2

CURING

Allow **VOGAPAIR 152** to cure for at least 5 days at 20 °C and 50% R.H before putting into service to heavy traffic. Applications at lower temperatures, high humidity and/or poor ventilation conditions require longer drying and curing times.

CONSUMPTION

Estimated consumption for **VOGAPAIR 152**
as a repairing layer 2 kg/m2/1mm

These are for guidance only and may vary depending on porosity, texture, substrate conditions and application method.

CLEANING

Tools and equipment should be cleaned, immediately after use, with solvent. Once product cures, this can only be removed by mechanical means.

PACKAGING

VOGAPAIR 152 is supplied in pre-weighed set of 25 kg.

STORAGE

Twelve months in its unopened original packaging. Store in a cool, dry and covered place, protected from moisture, frost and direct sunlight, with temperatures between 5 °C and 30 °C.