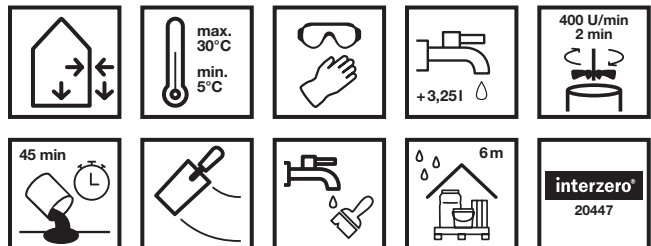




VESTEROL® MS 55HSP

Multifunction filler for universal use on concrete and masonry



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application and processing.

PRODUCT INFORMATION

Description

VESTEROL® MS 55HSP is a 1-component, mineral filler for fast repair work. This polymer-modified mortar (PCC / RM) is particularly low-stress and its formulation and color make it particularly suitable for rapid concrete repair, as it replaces corrosion protection, bonding bridge and repair mortar.

Application

- for universal repair use in exterior and interior areas for wall, ceiling and floor surfaces
- for filling break-outs up to 50 mm and for levelling substrates down to a grain thickness of 0.3 mm extendable

Operational area

- reprofiling and levelling
- on concrete, plaster, masonry and screed

Place of use

- for outdoor and indoor areas

Properties

- corrosion-inhibiting
- low tension
- fast-curing
- easy to process
- high compressive strength
- high adhesive tensile strength
- R2 class in accordance with DIN 1504-3



Technical Data

Available container sizes	20 kg/sack
Colour	grey
Fresh mortar bulk density	1,5 kg/l
Compressive strength (after 24 hours)	≥ 10 N/mm ²
compressive strength after 3 days	≥ 20 N/mm ²
Compressive strength after 7 days	≥ 25 N/mm ²
Adhesive tensile strength on concrete	≥ 2,5 N/mm ²
Processing temperature	+5°C to +30°C
Water demand	approx. 3.2 l per 20 kg/sack
Processing time	approx. 45 minutes
Storage	dry, 6 months
Consumption	approx. 1.25 kg/m ² per mm layer thickness
¹⁾ At +20 °C and 60 % relative humidity	

SUBSTRATE

Properties/tests

- The substrate must be clean, sound and free of adhesion-reducing components such as dust, oil or sanding particles.
- The adhesive tensile strength of the substrate should be at least 1.5 N/mm².
- The substrate may be matt damp.

Preparation

- Pre-wet dry substrates. Prime sanding substrates with Vesterol TG 10D.
- Remove rust from exposed reinforcement up to cleanliness grade SA 2 ½.

AREAS OF APPLICATION AND PROCESSING

Applying

- Place water in a clean mixing vessel.
- Add VESTEROL MS 55HSP and mix with a machine mixer at approx. 400 rpm until a homogeneous mixture is obtained. Mixing time 2 – 3 minutes.
- The material is applied with standard application tools, such as a spatula or steel trowel, to a dry or matt damp substrate within the working time of approx. 45 minutes.
- To achieve optimum adhesion to the substrate, VESTEROL MS 55HSP is worked into the substrate as a scratch coat using a trowel and sufficient pressure. Alternatively, VESTEROL MS 55HSP can be mixed into a spreadable bonding slurry and applied intensively with a brush or trowel. For slurry consistency: stir approx. 0.2 l water (2 %) into the ready-mixed sealing slurry. The desired layer is then built up.

NOTES

Cleaning

- Clean all tools and equipment with water immediately after use.
- Hardened material can only be removed mechanically.



To be observed

- Maintain a processing temperature of +5 °C to +30 °C.
- To achieve optimum adhesion to the substrate, VESTEROL MS 55HSP is worked into the substrate as a scratch coat using a trowel and sufficient pressure. Alternatively, VESTEROL MS 55HSP can be mixed into a spreadable bonding slurry and applied intensively with a brush or trowel. For a spreadable consistency: stir approx. 0.2 l water (2 %) into the ready-mixed sealing slurry. The desired layer is then built up.
- Protect fresh material from drying out too quickly and unfavorable weather conditions. Avoid draughts and direct sunlight.
- Do not dilute setting material with water or mix with fresh mortar.
- Observe a mixing time of at least 2 minutes.

Ingredients

- Standard cements
- Mineral aggregates
- Fillers
- HS-Puzzolane

Occupational safety / Recommendation

- Further information on safety during transportation, storage and handling can be found in the current safety data sheets.

Disposal

- The following applies to all systems: Only return empty containers to recycling partner Interseroh. Cured material residues can be disposed of according to EAK code no. 17 01 01 (concrete).

Producer

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The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.