

CONTOPP®

SCREED MIX 10

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PROPERTIES

PRODUCT DESCRIPTION

- Improves the screed homogeneity.
- Highly plasticising and stabilising.

APPLICATION AREA

- For producing easy to smooth surface on bonded and floating screeds.
- For producing thermo-floors.

TECHNICAL DATA

CHARACTERISTICS

Colour:	red
Form:	liquid
Density (at 20 °C):	1.01 ± 0.01 g/ml
Processing temperature:	above + 5 °C
Shelf life:	approx. 12 months – protect from frost and direct sunlight
Supply form:	Disposable container: PE-HD-can: 20 kg total Reusable container: Container: 1000 kg total

PROCESSING INFORMATION

BASIC MATERIALS

- CEM I or CEM II following EN 197-1
- Aggregates following EN 12620

PROCESSING

- Stick to the dosage (0.125 – 0.250 % of cement weight).
- The ingredients shall be added to the moistened mix.
- Consider saving water!
- Add whilst manufacturing the screed mixture:
 1. Half quantity of sand
 2. CEM
 3. Water
 4. CONTOPP® Screed Mix 10
 5. Half quantity of sand
- Mix for at least 2 minutes after adding all the components

CONSTRUCTION CLIMATE CONDITIONS

- Protect from draughts and direct sunlight during setting.
- Remove excess moisture through draft-free cross-ventilation (4 times a day for 20–30 minutes).
- Nature of construction and site preparation following general codes of practice.

ASSESSING READY-TO-LAY

- Prior to laying the top flooring, the residual moisture of the screed must be measured by the person laying the floor.
- Whilst adhering to the manufacturer's details, BS 8203 recommends laying the screed under 75% relative humidity.

MEASURING RESIDUAL MOISTURE CONTENT

- The British standard for testing a base to receive a resilient floor covering is to use a hair hydrometer. This provides a non-destructive test and when tested strictly to the method defined in BS 8203 will give reliable results of CONTOPP® Screed Mix 10 for RH neat to 75% (the required limit for floor finishes).

- The European standards for testing cementitious screeds recommend the CM (Carbide Bomb) method. Typical recommendations are for a maximum of 2.0 CM-% water for unheated systems and 1.8 CM-% water for heated systems.

COMPATIBILITY WITH CONTOPP® PRODUCTS

- By combining CONTOPP® products, properties like drying times, strengths, and processing capability are positively influenced.

GENERAL INFORMATION

SAFETY

- Always observe general work hygiene when using our products.
- CONTOPP® Screed Mix products are solvent-free, chloride-free, and safe in terms of organic architecture.
- Our products do not deteriorate when stored properly. Therefore, stability and reactivity are not affected by storage.
- You can find out more information on handling CONTOPP® Screed Mix products from our safety data sheets.

STANDARDS AND TESTING REGULATIONS

- BS 8203: Installation of resilient floor coverings
- BS 8204: In-situ floorings – bases and screeds
- BS 8000: Code of practice for cement/sand floor screeds and concrete floor toppings
- BS EN 13139: Aggregates for mortar
- BS EN 197: Cement – Part 1: Composition, specifications and conformity criteria for common cements

COMMENTS

The raw materials we process and the products we produce are subject to strict factory inspections. Do not use products from other manufacturers when using this product. It is stressed that our products and the procedure must be tested for suitability for the expected construction site conditions. The quality of screeds is essentially influenced by the quality of sand and cement, the mixing rates and the processing in accordance with approved screeding technology. Upon the publication all other previous copies shall become invalid.

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