Article nº: **20.170**

TECHNICAL DATA SHEET

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CONTOPP®
SCREED MIX 70

PROPERTIES

PRODUCT DESCRIPTION

- Improves processing in semi-dry mortar.
- Improves the screed homogeneity.
- Optimise strength and shrinkage.

APPLICATION AREA

- For producing bonded and floating screeds in accordance with BS 8204.
- For producing screeds on underfloor heating.
- For damp or outside areas.

TECHNICAL DATA

CHARACTERISTICS

Colour:	transparent
Form:	liquid
Density (at 20 °C):	0.92 ± 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: 18 kg total **Reusable container:** Container: 920 kg total

PROCESSING INFORMATION

BASIC MATERIALS

- OPC or blends following EN 197-1. Alumina-based fast setting cement.
- Aggregates following BS EN 13139.

PROCESSING

- Stick to the dosage (30–50 ml per 50–63 kg of cement). Ingredients should be added to the moistened mix.
- w/c-ratio ≤ 0.55
- 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.

MEASURING RESIDUAL MOISTURE CONTENT

- 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.
- According to the KNOPP's manufacturers advice all floor coverings must be laid under a residual moisture content of 3.0 % using the carbide bomb measuring device (corresponds to approx. 4.5 Tramex reading – to be used only as indicator test).

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 and chloride-free.
- 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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