



**Technical  
Data  
Sheet**

# CONTOPP®

## SCREED MIX 70

Article n°: 20.170

### Function

- Improved processing in semi-dry mortar
- Improves the screed homogeneity
- Optimised strength and shrinkage

### Application area

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

### Data

Colour:	transparent
Form:	liquid
Density (20 °C):	0.96 ± 0.01 g/ml
Processing temperature:	above + 5 °C
Shelf life	ca. 12 months – protect from frost and direct sunlight
Supply form:	PE-HD-can: 18 kg netto
	Poly-drum: 210 kg netto
	Container: 1.000 kg netto

### Basic materials

- OPC oder blends following BS EN 197. Alumina-based fast setting cements.
- Aggregates following BS EN 13139.

### Recipe

- 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

### 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 all 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

When using CONTOPP® products, the technical values for strengths, drying times and water saving positively stand out compared with a standard mix. Even if using CEM II and problematic sands.

### Health & Safety

- Always observe general work hygiene when using our products.
- CONTOPP® accelerator systems are solvent-free and chloride-free.
- Our products do not deteriorate when stored properly (see data). Therefore, the stability and reactivity are not affected by storage.
- You can find out more information on handling CONTOPP® accelerators from our safety data sheets.

### Standards and testing regulations

- BS 8203: Installation of resilient floor coverings

## PROPERTIES

## TECHNICAL DATA

## PROCESSING INFORMATION

## SPECIAL INFORMATION

## GENERAL INFORMATION



- 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.

**Stand** 01.02.2022

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**GENERAL  
INFORMATION**