



CONTOPP®

SCREED MIX 60

Article number: 20.160

Technical Leaflet

Function

- Improves the screed homogeneity.
- Very plasticising with good water retaining properties.

Application area

- For producing easy to smooth surface on bonded and floating screeds with larger grained sands.
- For producing thermo-floors.

Data

Colour:	green
Form:	liquid
Density (20°C):	1.09 ± 0.01 g/ml
Processing temperature:	as of + 5 °C
Shelf life:	c. 12 months – protect from frost and direct sunlight
Supply form:	PE-HD can: 20 kg net
	Poly drum: 230 kg net
	Container: 1.100 kg net

Basic materials

- CONTOPP® Screed Mix 60 is compatible with CEM I and CEM II in accordance with BS EN 197.
- Particularly suitable for larger grained sands!

Recipe

- Stick to the dosage (0.20 % - 0.50 % of cement weight).
- The ingredients should be added to the moistened mix.
- Take into account the water saving!
- Add whilst producing the screed mixture:
 1. Half quantity of sand
 2. CEM
 3. Water
 4. CONTOPP® Screed Mix 60
 5. Half quantity of sand
- Mix for at least 2 minutes after adding all the components.

Construction site conditions

- Protect from draughts and direct sunlight during curing.
- Remove surplus moisture by means of draught-free ventilation (natural ventilation).
- Nature of construction and construction site preparation following BS 8204-1 and 8000.

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 all the manufacturer's details, BS 8203 recommends laying the screed under 75 % relative humidity.

CHARACTERISTICS

TECHNICAL DATA

PROCESSING INFORMATION

Methods for determining residual moisture

- The British Standard for testing a base to receive a resilient floor covering is to use a hair hygrometer. This provides a non-destructive test and when tested strictly to the method defined in BS 8203 will give reliable results. CONTOPP® screed mixes for RH near to 75% (the required limit for floor finishes).
- The European standards for testing cementitious screeds recommend the CM (Carbide Bomb) of testing. Typical requirements will be for a maximum of:
2.0 CM -% water for unheated systems
1.8 CM -% water for heated systems

SPECIAL ADVISES

Compatibility with CONTOPP® products

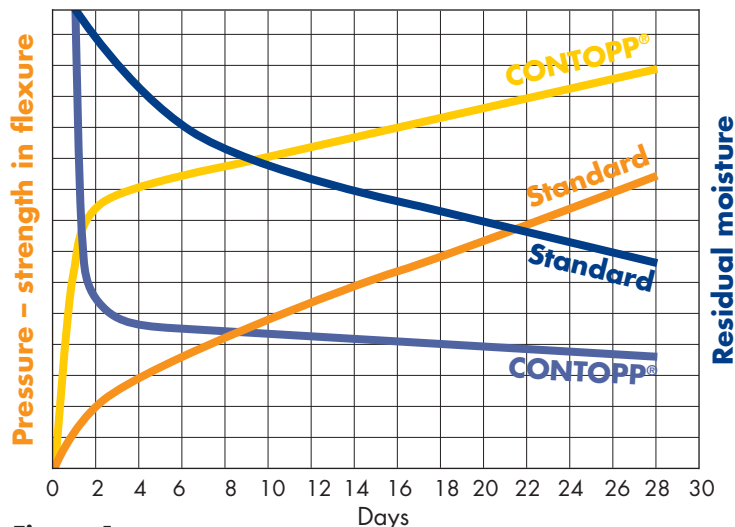


Figure 1

- 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.
- By combining products of the CONTOPP® range, properties like drying course, strength and processing are positively influenced (fig. 1).

Safety

- Always observe general work hygiene when using our products.
- CONTOPP® screed mixes are solvent-free, chloride-free and safe in terms of organic architecture.
- Our products do not deteriorate when stored properly (see data). Therefore, the stability and reactivity is not affected by storage up to 12 months.
- You can find out more information on handling CONTOPP® screed mixes 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

GENERAL INFORMATION

Comments

The raw materials we process and the products we produce are subject to strict factory inspections. Do not use additives 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 extremely influenced by the quality of sand and cement, the mixing rates and the processing in accordance with approved screeding technology.

As we have no control over construction site conditions or the execution of the work, we cannot be held legally liable as a result of the information included in this leaflet. Upon the publication of this leaflet all other previous copies shall become invalid.

Valid from

01.01.2020