



# CONTOPP®

PLASTOLAN 20

Article number: 20.425

## Technical Leaflet

### Function

- Increases strengths in flexure and with that under some circumstances the possibility to reduce the screed nominal thickness.
- Reduces cracks by creating greater elasticity.

### Application area

- Liquid synthetic hardening agent (SBR) for producing highly resistant, wear-resistant cement-bonded or lime-bonded building material mixes.
- For producing thermo screeds.

### Data

Colour:	white
Form:	liquid
Density (20°C):	1.01 ± 0.01g/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: 210 kg net
	container: 1.000 kg net

### Basic materials

- CONTOPP® Plastolan 20 is agreeable with CEM I and CEM II following BS EN 197.
- Contains an increased amount of synthetic material.

### Processing

- Stick to the dosage (2 % - 10 % of cement weight).
- Take into account the water saving!
- Add whilst manufacturing the screed mixture:
  1. Half quantity of sand
  2. CEM
  3. Water
  4. CONTOPP® Plastolan 20
  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 setting.
- Remove surplus moisture by means of draught-free ventilation (natural ventilation).
- Nature of construction and construction site preparation following BS 8204-1 and 8000.

### Further processing

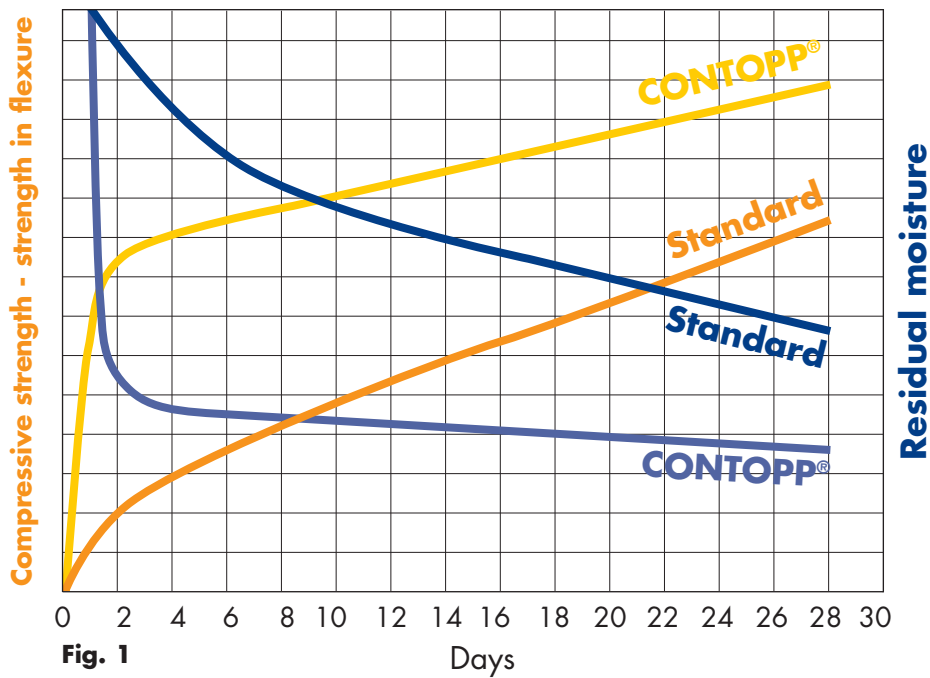
- If treatment is intended, then it is recommended to use CONTOPP® Evaporation Protection 10.
- Prior to laying the top flooring, use suitable adhesive. PU-based adhesives are not suitable! Observe the manufacturer's instructions!

## CHARACTERISTICS

## TECHNICAL DATA

## PROCESSING INFORMATION

### Compatibility with CONTOPP® products



- By combining CONTOPP® products, properties like drying times, strength and processing capability are positively influenced (fig. 1).
- CONTOPP® Plastolan 20 is compatible with CONTOPP® Adhesive Agents.

### Safety

- Always observe general work hygiene when using our products.
- CONTOPP® Plastolan is solvent-free, chloride-free and safe in terms of organic architecture.
- Our products do not disintegrate if stored properly. Therefore stability and reactivity are not influenced if stored up to 12 months.
- You can find out more information on handling CONTOPP® Plastolan from our safety data sheets.

### Standards and testing regulations

- BS 8204: In-situ floorings – bases and screeds
- BS 8000: Code of practice for cement/sand floor screeds and concrete floor toppings
- 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 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

## SPECIAL INFORMATION

## GENERAL INFORMATION