

CONTOPP®

PLASTOLAN 20

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PROPERTIES

PRODUCT DESCRIPTION

- Increase flexural strength and with that under some circumstances, the possibility to reduce the screed nominal thickness.
- Reduce cracking through increase 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.

TECHNICAL DATA

CHARACTERISTICS

Colour:	white
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

- CONTOPP® Plastolan 20 is aggregable with CEM I or CEM II following EN 197-1.
- Contains an increased amount of synthetic material.

PROCESSING

- Stick to the dosage (2.0 – 10 V-% of cement weight).
- Consider saving water!
- 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 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.

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!

COMPATIBILITY WITH CONTOPP® PRODUCTS

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

GENERAL INFORMATION

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 deteriorate when stored properly. Therefore, stability and reactivity are not affected by storage.
- 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 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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