

CONTOPP®

ACCELERATOR 124

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PROPERTIES

PRODUCT DESCRIPTION

- Liquefying effect for leveling floor screeds in plastic to fluid slump consistency
- Speed up drying time of leveling floor screeds in plastic to liquid slump consistency
- Increase strength

APPLICATION AREA

- High-performance liquefaction leads to a fast-hardening and drying effect for the production of early-drying slump concrete for the production of all types of leveling floor screeds. Particularly qualified for ready-mix concrete. The subsequent construction progress will be significantly fastened by its application.
- CONTOPP® Accelerator 124 allows:
 - Moisture content of ≤ 4.0 CM-% after 48 hours* after the casting of the screed slab.
 - Moisture content of ≤ 3.0 CM-% after 14 days* after the casting of the screed slab.
 - An extremely high, saving of water and/or plastification.
 - An easy processing.
 - High initial and final strengths.

TECHNICAL DATA

CHARACTERISTICS

Colour:	Yellowish – brownish
Form:	liquid
Density (at 20 °C):	1.06 ± 0.02 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

MIXING MODEL

w/c-ratio	max. 0.45
Cement content	320 kg/m ³
Strength class	CT-C35-F5
Consistency class	S3
Maximum grain size	32 mm
Type of cement	OPC
Required consumption	approx. 1.6 kgs/m ³ (0.5 M-% by cement weight)
Dosage range**	0.2 – 3.0 M-% of the cement weight depending on slump required
Moisture content ≤ 4.0 CM-%***	After 48 hours
Moisture content ≤ 3.0 CM-%***	After 14 days

**The required amount of admixture is based on the concrete characteristics in demand and must be determined during an initial test in accordance with BS EN 206-1.

***Time of drying starts after end of curing time.

PROCESSING INFORMATION

PROCESSING

- The dosage of CONTOPP® Accelerator 124 should take place with the last third or after the complete addition of the mixing water.
- Ensure sufficient mixing time in general.
- When processing, the temperature of the fresh concrete should not exceed 30°C.
- Please respect the standards outlined in BS EN 206-1 when using concrete admixtures.

SPECIAL INFORMATION

VERIFICATION OF SUITABILITY / CERTIFICATION

- Complies with BS EN 934 – 2 table 2: plasticizer and 3.1 and 3.2: superplasticizer
- Certification number of the plasticizer: 0672 – CPR – 1145
- Certification number of the superplasticiser: 0672 – CPR – 1141

SAFETY

- Not hazardous substance according to the Ordinance on Hazardous Substances
- No hazardous good as defined by transport directives
- WGC 1 (self-assessment) slightly hazardous to water
- Observe safety data sheet

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. Since we have no control over site conditions or construction practices, no legal liability can be derived from this technical data sheet. Upon the publication all other previous copies shall become invalid.

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