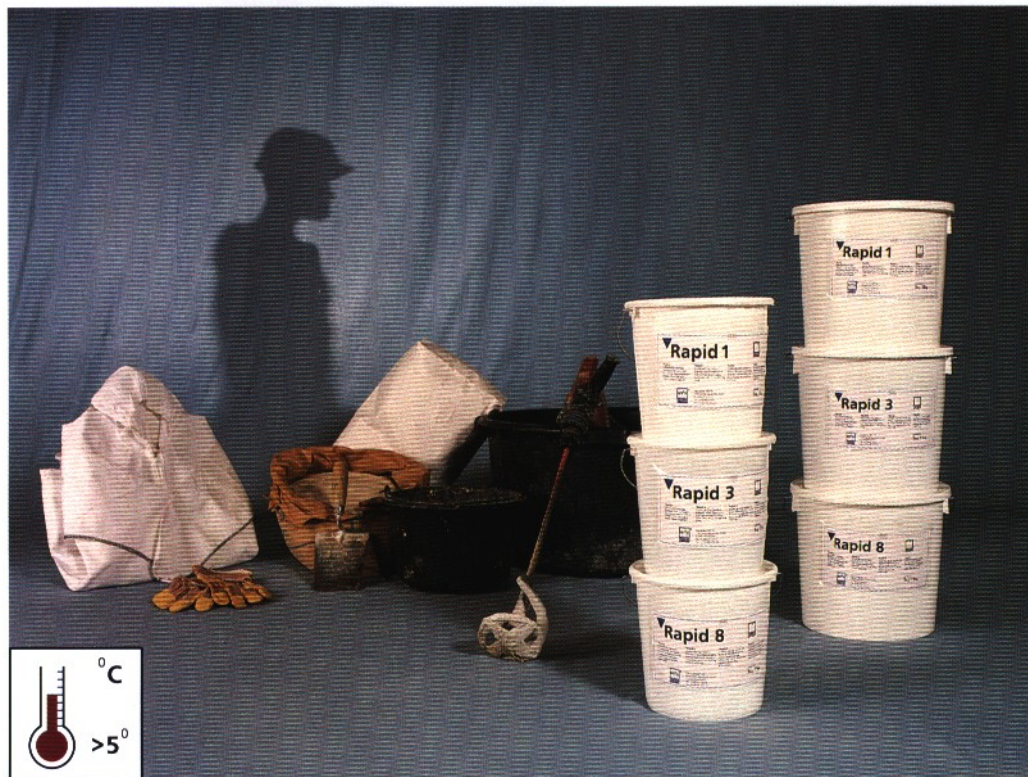


▼ Rapid 1,3,8



Additional
material

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Product Description

▼Rapid is a fast setting cement powder, specifically formulated for reducing the setting time of all kinds of cement sand compounds (e. g. screeds, renders). The setting time is dependent on both the dosage (amount of addition) as well as the setting rate selected (1, 3 or 8).

▼Rapid can be used also on its own, for example as a knifing filler for anchoring machines. The combination of its fast curing characteristics as well as its resistance to sea water makes this an ideal product for (artificial) hydraulic structures. It is neither corrosive to steel nor does it bulge when exposed to water and it contains no solvents.



▼ Rapid 1, 3 and 8 Product Information

Characteristics

Composition

▼Rapid is a fast setting cement powder. It neither contains components corrosive to steel such as chlorides, soda, etc., nor organic reagents causing the surfaces to bulge when exposed to water. Contains no solvents either.

Features

Shortens the setting process of all types of cement and sand compounds. The setting period depends both on the dosage (amount of addition) as well as the setting rate selected (1, 3 or 8). Straight application of the unmixed product will result in the following curing periods: ▼Rapid 1 sets in 1 minute, ▼Rapid 3 in 3 minutes and ▼Rapid 8 in 8 minutes. On demand, different setting rates can also be supplied if requested. The product is neither corrosive to steel nor does it bulge when exposed to water.

Strict adherence to the instructions is essential in order to ensure the superb durability of our products.

Areas of Application

▼Rapid was formulated specifically for shortening the setting process of all kinds of cement and sand compounds (e. g. renders, screeds). Also, the product, when applied straight, can be applied as follows: For sealing cracks, installing hooks and dowels, setting up railings, sealing pipes and sewage pipes inside and out or even for anchoring machines. It is possible also to restore artificial structures located in the water.

Directions for Use

Prior to Application

Get organized: 1 person is required for the application; the product may be used starting at +5 degrees Celsius. Remember that the application demands timing. When applied straight, ▼Rapid 1 has to be used up within 30 seconds, ▼Rapid 3 within 2.5 minutes and ▼Rapid 8 within 6 minutes.

Tools, etc.: Pail, stirrer, trowel, blender. Also: Protective clothing, gloves. For combined application cement and sand.

Prepare surface: The surface must be supportive and clean; remove separation layers of grease, oil, paint, or other (e. g. by grinding or brushing). Then pre-wet the surface generously.

Working Steps

1. Application of straight product. First, combine ▼Rapid and water in a pail using a stirrer or in a blender, until a viscous consistency is obtained. Then apply immediately with the trowel.
2. Application of combined product. Combine ▼Rapid with the cement and sand compound and water in the pail using a stirrer or in the blender until a viscous consistency is obtained. Then apply immediately with the trowel. The setting time depends both on the dosage as well as the selected setting rate (1, 3 or 8).

On demand, other setting rates can be supplied as well.

Prepare only as much

▼Rapid as you are able to use up within the drying period.

Handling of ▼Rapid is recognized as safe

(non-hazardous material acc. to GefStoffV).

The setting time is influenced greatly by the outside temperature, making it impossible to provide fixed mixing ratios. Test the mixing ratio by preparing a small trial batch.



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After Application

Cleaning: Wash off tools with water immediately after use; hardened residues can be removed only with

▼Antilime or mechanically (e. g. scraped off).

Setting period: When applied straight, ▼Rapid 1 is dry after 1 minute, ▼Rapid 3 after 3 minutes and ▼Rapid 8 after 8 minutes.

Subsequent applications: The coating may be painted immediately after it has dried.

Packaging, Storage and Disposal

Packaging: 5 kg and 15 kg plastic pail (PE)

Colour: grey

Shelf life: ▼Rapid can be stored in its original container for a period of two years after delivery without any losses in quality (see date of delivery). Store closed containers in a dry area.

Delivery: Ex works or via our outside warehouses.

Disposal: Desiccated residues can be disposed via construction refuse dump, the packaging may be disposed via domestic garbage.

Any more Questions?

Please direct these to our sales staff or to our Technical Advisory Service in the Wiesmoor plant:
(0 10 49) 49 44 3 02-0.

All of the information provided has been compiled to the best of our knowledge. We recommend that the suitability of our products be ascertained prior to application by means of matching the treatment to the individual conditions and testing the product if necessary. Liabilities cannot be derived from this technical information. Our general sales, delivery and payment conditions are valid.

Please refer to the information on the packaging as well.



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Chemische Baustoffe GmbH
Pollerstraße 161-167
D-26639 Wiesmoor
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Telefax: (0 49 44) 3 02 25
Telex: 2 74 38

Rapid

Technical Data Sheet



Additional material



Product description	
Application	▼Rapid was formulated specifically for shortening the setting process of all kinds of cement and sand compounds (renders, screeds, etc.). Also, the product, when applied straight, can be applied as follows: For sealing cracks, installing hooks and dowels, setting up railings, sealing pipes and sewage pipes inside and out or even for anchoring machines. It is possible also to restore artificial structures located below the water surface.
Composition	▼Rapid is a fast setting cement powder. It contains neither components corrosive to steel such as chlorides, soda, etc. nor organic reagents causing the surface to bulge when exposed to water. Does not contain solvents either.
Features	Shortens the setting process of all types of cement and sand compounds. The setting period depends both on the dosage (amount of addition) as well as the setting rate selected (1, 3 or 8). Straight application of the unmixed product will result in the following curing periods: ▼Rapid 1 sets in 1 minute, ▼Rapid 3 in 3 minutes and ▼Rapid 8 in 8 minutes. On request, different setting rates can be supplied as well. The product is neither corrosive to steel nor does it bulge when exposed to water.

Specifications for application	
Setting	End of setting period: Rapid 1 (straight) after approx. 1 minute, Rapid 3 (straight) after approx. 3 minutes, Rapid 8 (straight) after approx. 8 minutes. When added to cement and sand compounds the setting time is dependent on the dosage
Type of application	patching
Complementary material	water, if necessary portland cement and sand, ▼Bonding-Agent
Warranty	5 years according to Civil Code
No. of persons required	1
Alternatives to product	▼Fast-Setting-Cement
Cleaner	water
Treatment of surface	pre-wet liberally
Characteristics of surface	The surface must be supportive, clean and free of separation layers.
Working temperature	starting at +5 degrees Celsius
Consumption	depends on type of application
Tools	pail, mixer, trowel, power mixer
Cleaning of tools	use water immediately after use, once hardened, use ▼Antilime or clean mechanically
Special comments	Prepare only as much material as you can use up within the respective setting time. ▼Rapid with other setting times on request.

Rapid



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Biological/chemical/physical data	
Basis	powdery material based on cement
Safety for walking	depends on dosage
Load stability	depends on dosage
Fire prevention hints	not inflammable
Compressive strength	depends on dosage
Consistency	powder
Solvent	none
Subsequent applications	after the setting process is completed

Purchase/order/information	
Contact	Please refer to our sales staff or to our Technical Advisory Service in the Wiesmoor plant: (0 10 49) 49 44 3 02-0.
Item no.	*Rapid 1: 1554 (15 kg pail), 1552 (5 kg pail) *Rapid 3: 1564 (15 kg pail), 1562 (5 kg pail) *Rapid 8: 1574 (15 kg pail), 1572 (5 kg pail) various
Suppliers	outside warehouses and straight from the plant
Disposal	hardened, domestic garbage
Packaging	5 kg and 15 kg plastic pail (PE) with tin plate handles
Shelf-life	*Rapid can be stored in original containers for a period of 2 years after delivery without any losses in quality (see date of delivery on packing slip). Store sealed containers in a dry area.



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