



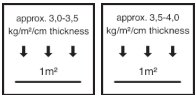
Screed Fast-Hardening Cement

Fast-setting special cement for screeds with early readiness for covering

Colour	Availability
	Quantity per pallet 30
	Size / Quantity 25 kg
	Type of container Paper bag
	Container code 25
	Art. no.
	2814 ■

Application rate

Mixing ratio 1:4 approx. 3.5 - 4.0 kg/m²/cm layer thickness
 Mixing ratio 1:5 approx. 3.0 - 3.5 kg/m²/cm layer thickness



Range of use

- Screeds with early ability to be covered, in interior and exterior areas
- Screeds on separation layers
- Heated screeds



Property profile

- Foot traffic after 3 hours
- Very fast setting, can be covered with tiles after just a few hours
- Rapid water binding
- Resistant to water, frost and weathering

Characteristic data of the product

Water requirement	Approx. 7 - 11 l/25 kg
Bulk density	Approx. 1.4 kg/dm ³
Foot traffic	After approx. 3 hours
Flexural strength (DIN 1164, 1:4 parts by weight cement : aggregate)	After 24 hours: > 2 N/mm ² After 28 days: approx. 6 N/mm ²
Compressive strength* * (pursuant to DIN 1164, 1:4 parts by weight cement : aggregate)	After 24 hours: > 10 N/mm ² After 28 days: approx. 25 N/mm ²

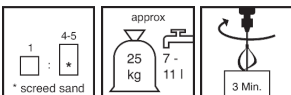
The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Preparation

- **Substrate requirements**
Clean, dust-free and capable of supporting a load.
- **Substrate preparation**
To create a bonded screed, clean the substrate and remove any layers that are not capable of supporting a load (e.g. by steel shot blasting, milling, brushing).

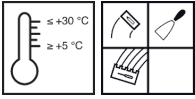
Production of the mixture

- **Mixing**
Pour water into a clean container and add dry mortar. Mix thoroughly with a mixer for approx. 3 minutes until homogeneous. Mix 1 part by weight of screed fast-acting cement with 4 to max. 5 parts by weight of screed sand (depending on the maximum grain size and strength).





Directions



■ **Conditions for use**

Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.
Low temperatures increase, while high temperatures decrease the working and setting time.

■ **Working time (+20 °C)**

Approx. 45 minutes

■ **Drying time (+20 °C)**

Laying tiles on bonded screed after approx. 6 hours, floating screed after approx. 12-24 hours, heated screed heating: after approx. 3 days; parquet, carpet/plastic flooring: approx. 48 hours (max. 1.8% residual moisture)

Machine working

Add 2% of ZM VS - approx. 0.5 l per sack - to the mixing water.
Please contact Remmers Technical Service (phone +49 5432 83900) before applying with machine processing.

Bonding layer for bonded screeds

Mixing liquid comprising ZM HF^[basic] + water in a ratio of 1:2.
Mix 1 part screed fast-acting cement + 1 part quartz sand 0.2 - 2.0 mm.
Add the mixing liquid until a homogeneous slurry is obtained.

Applying the bonding layer

Brush the entire surface area of the bonding layer to min. 1 mm.
Apply the screed wet-on-wet.

Applying the fast-acting screed

Immediately apply the prepared mixture to the substrate and quickly spread, compact and rub to achieve the required layer thickness.
Divide up large surfaces using construction joints.
False joints and movement joints should be provided and used in the same manner as for conventional cement screeds.

Tips on use

Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.
Protect the screed against rapid dehydration (wind and sun).
Check the residual moisture level before fitting moisture-sensitive coverings.

Notes

Low chromate content in accordance with Directive 2003/53/EC.
The characteristic data of the product were calculated under laboratory conditions at 20°C and 65% relative humidity.
The mixing water must be of drinking water quality.
Current regulations and legal requirements must be taken into account and deviations from these must be agreed separately.
The relevant test certificates must be observed when planning and carrying out work.

Tools / Cleaning



Mixing tool, smoothing trowel, plasterer's float
Clean tools with water while the material is still fresh.

Remmers tools

➤ **Mischgefäß (4030)**

Storage / Shelf life



If stored in an unopened container and in a dry place, the product will keep for approx. 12 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.