

# Screed Admixture

Features

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**VARIO THERM**  
HEATING. COOLING. COMFORT.

## Application area

For the production of plastic (high slump) or flowing concrete, especially for heating screed used in floor heating systems.

## Advantages

- Improvement of water retention capacity Reduction of the amount of tempering water by approx. 12% increases the early hardness and final hardness while noticeably reducing shrinking and creeping.
- Increased plastification of the screed mortar; as a result, far less time is needed for installation without influencing the properties of the concrete.
- Increased flexural strength
- Increased pressure resistance – the screed becomes more compact and more abrasion-resistant.
- A maximum pumping rate is achieved for pumped concrete while retaining a high level of quality.

## Application

Add screed admixture in the compulsory mixer after ending adding of the mixing water.

Do not dose into the dry mixture!

When adding in the concrete mixer, mix for 1 minute per m<sup>3</sup> with the mixing drum at full speed.

Minimum mixing duration 5 minutes.

## Disposal

Not hazardous material according to transportation regulations. Not subject to obligatory labelling according to the 67/548/EEC and 1999/45/EC guidelines.

The normal precautionary measures for handling construction chemicals must be taken.

Avoid contact with skin and eyes, and ensure sufficient ventilation. If contact with skin occurs, wash off with water and soap and rinse well. If contact with the eyes occurs, rinse thoroughly with water for at least 15 minutes. If swallowed, rinse out the mouth and drink a large quantity of water. Seek a doctor. Prevent penetration into the soil, water and sewage system.

## Technical data

**Colour:** dark brown - black

**Delivery units:** 5 kg and 10 kg canisters

**Shelf life:** Store only in tightly sealed original containers, keep cool and dry.

In a well ventilated space, store at 5 - 30°C ambient temperature. Protect against frost, strong solar radiation and impurities.

Min. shelf life 1 year.

**Dosage:** 0.5 - 1.0% of the cement weight.

This corresponds to approx. 0.1 - 0.2 kg/m<sup>2</sup> screed with a screed thickness of 70 mm.

Please note our safety data sheet "Screed admixture"

([www.variotherm.at/home/service/infocenter/safety\\_data\\_sheets.html](http://www.variotherm.at/home/service/infocenter/safety_data_sheets.html))