

# Strasser'plan DBS 10

Thin-layer surfacer for interior and exterior floors

## Field of Application

For layer thickness between 1 mm and 10 mm for surfacing, levelling and smoothing substrates ready for tiles or slabs etc. to be laid on top. High compressive strength, suitable for underfloor heating and for loads applied by chairs on casters. Can be used in dry areas, for interior applications.

## Characteristic

Strasser'plan DBS 10 is a self-levelling, polymermodified, water-resistant, cementitious, low-shrinkage surfacer for interior and exterior floors. This product sets rapidly and can be walked on after only a short while.

## Composition

Strasser'plan DBS 10 is an industrial mineral-based, premixed dry mortar.

## Preparation underground

Suitable substrates are concrete surfaces, cementscreeds. The substrate must be clean, firm, dust-free, sound and free from oil and grease or other residue. Absorbent substrates, e.g. concrete and cement floors, must first be primed with Strasser'plus TG-C and must be cleaned with liquid detergent, then rinsed off with clean water. Substrates should first be roughened mechanically if necessary. The relevant standards and regulations relating to assessment of the substrate must be complied with.

## Application

Pour approx. 5,5 to 6 litres of tap water into a clean container. Add the contents of the sack (25 kg) of Strasser'plan DBS 10 and use a stirrer to mix it until a smooth, flowable mixture is produced. Then pour the mixed levelling mortar onto the prepared substrate and spread it evenly using a float or smoothing trowel until the required layer thickness is achieved. Important - Please note: Apply only at temperatures (substrate temperatures) between +5 °C and +25 °C. The mortar takes approx. 1 hour to set. It takes more time for the product to harden at lower temperatures, and less time at higher temperatures. Once the levelling mortar has been applied, protect it against drying out too quickly (heat and draft).

## Consumption

1.7 kg premixed dry mortar per mm/m<sup>2</sup>

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## Technical data

Colour:	Cement grey
Application temperature:	+5 °C to +25 °C
Layer thickness:	1 to 10 mm
Usable life of mix:	± 30 minutes
Can be walked on:	After ± 2 to 3 hours, depending on the temperature
Ready to be tiled etc.:	After ± 1 day
Compressive strength:	After 1 day ± 18 N/mm <sup>2</sup>
Compressive strength:	After 28 days ± 30 N/mm <sup>2</sup>
Flexural strength:	After 1 day ± 4 N/mm <sup>2</sup>
Flexural strength:	After 28 days ± 7 N/mm <sup>2</sup>

## Packaging

6 months. It is essential that the product is stored in a dry place. In 25 kg paper sacks packed on EURO leased pallets.

## Special references

Strasser'plan DBS 10 contains cement. This has an alkali reaction when exposed to moisture. That is why irritation of the skin may occur. Protect the skin and the eyes. If skin irritation occurs, wash immediately and thoroughly with plenty of soap and water. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. For further information please refer to our safety data sheet. Low chromate content in accordance with TRGS 613.