



BUILDING TRUST



PRODUCT DATA SHEET

Davco Cement / Sand Mortar 123

Thick bed mortar mix for rendering / screeding

DESCRIPTION

Davco Cement / Sand Mortar 123 is a factory prepared blend of carefully selected raw materials, containing ordinary Portland cement and high grade silica sand mix for rendering / screeding for interior and/or exterior areas.

USES

- Can be applied internally and externally
- Used as cement sand screed and render
- Can be applied on light weight concrete blocks (to be primed with Davco Bonding Agent)

PRODUCT INFORMATION

Packaging	40 kg bag
Shelf life	6 months from date of production
Storage conditions	Store properly in dry conditions, in undamaged and unopened, original sealed packaging, in cool, dry elevated place.

APPLICATION INFORMATION

Mixing ratio	8 L of clean water per 40 kg bag of Davco Cement / Sand Mortar 123 * For better performance, add 40 kg of Davco Cement / Sand Mortar 123 to 4 L of Davco Mortar Admix RL 4516. Adjust balance with water to required consistency.
Consumption	~2.4 kg/m ² /mm

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

Davco Cement / Sand Mortar 123 must not be used over wood, asphalt sheeting, vinyl coverall wall board, masonite, cement asbestos board, metal, glass or plastic.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

All surfaces must be structurally sound, dry, clean and free from movement, oil, grease, wax, curing compound and any other loose or contaminating materials.

New concrete must be allowed to cure for 4 weeks and have a wood float finish. Steel trowel finished concrete must be acid etched or mechanically abraded prior to tiling.

Old concrete surface must be thoroughly cleaned prior to screeding / rendering. Make sure all release agents are removed from concrete surfaces, especially on tilt-up slabs.

It is the user's responsibility to determine the condition and suitability of all surfaces prior to application.

MIXING

Mix continuously in circular motion using low-speed mechanical mixer until lump-free, creamy consistency and uniform paste is achieved.

APPLICATION

Before placing mortar, apply a slurry bond coat made from Davco Mortar Admix RL 4516 mix with Davco Cement / Sand Mortar 123, ratio 1: 2.2 by weight. While the slurry is still wet, spread the mortar and compact well.

Renderers should be preferably 13–20mm thick. Where greater thickness is required, it is recommended to re-inforce with BRC in between the screed. To cast floating screeds, it is recommended to place a polyurethane sheet on top of the RC slab.

Screeds should be allowed to dry out as slowly as practicable after curing to reduce the risk of curling. Cement-sand and fine concrete levelling screeds should be cured for at least 7 days and be subjected to continuous air drying after curing for at least 2 weeks before the tiling is applied. Please refer to BS 5385 or MS 1294.

Ensure screed / render level is plumbed to achieve optimum adhesive bed thickness.

CLEANING OF EQUIPMENT

Clean all tools and application equipments with clean water immediately after use. Hardened or cured material can only be removed mechanically.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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