



BUILDING TRUST



PRODUCT DATA SHEET

Davco TT1 Admix

Multipurpose latex additive for mortars

DESCRIPTION

Davco TT1 Admix creates mortar which produces excellent adhesion strength for fixing wall and floor ceramic tiles to internal and external area.

USES

Davco TT1 Admix is exclusively formulated for use in conjunction with Davco CTF 99 cement tile adhesive. Davco TT1 Admix is used with cement-based adhesive, in replacement of water for the following applications:

- External tiling
- Tiling to areas / substrates subjected to limited movement
- Tiling to building boards
- Tiling to RC / ALC
- Tiling to wet-duty areas
- Heavy traffic areas

CHARACTERISTICS / ADVANTAGES

- High strength - improve adhesion strength of all cement mixes
- Enhance flexibility
- Reduce efflorescence

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none">▪ 4 L pail▪ 20 L pail
Shelf life	12 months from date of production
Storage conditions	Store properly in original, unopened and undamaged packaging in cool and dry conditions. Protect from direct sunlight.

APPLICATION INFORMATION

Consumption	6–7 L of Davco TT1 Admix per 25 kg bag of Davco CTF 99
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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 TT1 Admix must not be used over plywood, vinyl covered wall board, spray tiles, metal glass or plastics or as primers.

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, clean, free of dust, grease oil, curing compounds and any foreign materials which will inhibit proper bonding. Concrete should have a surface texture similar to a light broom finish.

MIXING

Pour Davco TT1 Admix into a clean pail. Do not dilute Davco TT1 Admix with water. Then add Davco CTF 99 tile adhesive while slowly mixing. Mix thoroughly for a minimum of 3 minutes. Leave material to stand in container (for approx. 3–5 minutes). Then, remix the material for another 15 seconds - the product is now ready for use. A forced action mixer or drill with mixing paddle (< 500 rpm) shall be used for mixing. A normal free fall concrete mixer is not suitable for mixing.

APPLICATION METHOD / TOOLS

After mixing, spread the tile adhesive not more than 1 m² at a time. Apply the tile adhesive at thickness of 3–6 mm, using a suitable solid bed notched trowel. Press the tiles firmly into position immediately with a twisting action. The open time of the spreaded adhesive is approx. 20 minutes at 25 °C, depending on porosity of the substrate and ambient conditions. Touch the adhesive ribs from time to time and if skinning has formed, re-trowel the adhesive to break the skin. Lift tiles occasionally to check that adequate contact between tile and adhesive bed is maintained and that there are no hollow areas. Leave minimum joints of 2 mm for wall tiling and 3 mm for floor tiling. Remove surplus adhesive from tile surface and joints with a damp cloth.

CLEANING OF EQUIPMENT

Davco TT1 Admix and tools can be cleaned with water while the admix is still wet.

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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Product Data Sheet

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