

PRODUCT DATA SHEET

Davco® EW1

Multipurpose latex mortar additive

DESCRIPTION

Davco® EW1 is a synthetic, latex based mortar additive designed for use with Portland cement and sand to prepare high strength, thin set mortar or with neat Portland cement as bonding agent. Ideal for installing ceramic tiles, marble, slate and natural stone onto concrete, cement render, rendered brickwork surfaces or over existing tiles.

USES

Davco® EW1 is specially formulated for use in conjunction with cement based tile adhesive, and also for use with Portland cement to make bond coats for mortars beds and for dry set mortars.

Davco® EW1 can be used:

- as an additive to mortars for fixing ceramic tiles, pavers, marble, slate and natural stone onto concrete, cement render, blockwork and rendered brickwork surfaces
- in conjunction with sand and cement as a splash coat to fix render, or bed tiles over uneven concrete
- as an additive to strengthen cement render coats
- as an additive in sand-cement mixtures
- as a latex binder in thick bed mortar fixing
- as a bonding agent/primer (when mixed with cement) prior to screeding / leveling compound

CHARACTERISTICS / ADVANTAGES

- Improves tensile and compressive strength
- Better bonding strength
- Improves water and chemical resistance

PRODUCT INFORMATION

Packaging	▪ 4 L pail ▪ 20 L pail
Shelf Life	12 months from date of production
Storage Conditions	Store in normal dry conditions at ambient temperature. Store out of direct sunlight.

APPLICATION INFORMATION

Recommended Dosage

Davco® 333	25 kg
Davco® EW1	6–8 kg

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.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surface must be structurally sound, clean, free of dust, grease, oil, curing compounds and any foreign material which will inhibit proper bond. Concrete should have a surface texture similar to a light broom finish.

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

APPLICATION

Davco® EW1 is used with cement-based adhesive, in replacement of water for the following application:

- External tiling
- Tiling to areas / substrates subjected to limited movement
- Tiling to impervious surface
- Tiling to building board, gypsum board, sand board
- Tiling to wet area
- Heavy duty traffic areas

CLEANING OF TOOLS

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

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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