



BUILDING TRUST



## PRODUCT DATA SHEET

# Davco Davelastic 98

Additive for cement-sand slurry and cement-based tile adhesive

### DESCRIPTION

Davco Davelastic 98 is a flexible polymer additive designed for use with Davco's cement-based tile adhesives, ideal for fixing ceramic tiles, marble and natural stones onto concrete, cement render, rendered brickwork surfaces or over existing tiles.

### USES

- When mixed with Davco's cement-based tile adhesives, it can be used for fixing ceramic tiles, pavers, marble, slate and natural stones onto concrete, cement render, blockwork, rendered brickwork surfaces or over existing tiles, for wet area eg. bathroom, kitchens, swimming pools and spas.
- When mixed with neat cement and sand, it can be used as a bonding slurry for cement-sand render over uneven concrete.

### CHARACTERISTICS / ADVANTAGES

- Increased shear bond strength – when added to Davco's cement-based tile adhesives
- Increased tile bedding strength – especially for heavy stones and large format tiles
- Increased flexibility of the adhesive system to cater for movement
- Improve bond strength of renders/screed to cementitious substrate – when used as a bonding slurry

### PRODUCT INFORMATION

<b>Packaging</b>	<ul style="list-style-type: none"><li>▪ 4 L pail</li><li>▪ 20 L pail</li><li>▪ 200 L drum</li></ul>
<b>Appearance / Colour</b>	Milky white liquid
<b>Shelf life</b>	12 months from date of production
<b>Storage conditions</b>	Store properly in original, unopened and undamaged packaging in dry conditions. Keep away from direct sunlight.
<b>pH-Value</b>	9 ± 1

### TECHNICAL INFORMATION

#### Mortar mix design

#### Bonding slurry (mixing ratio by volume)

1 part Portland cement + 1 part washed sand + Davco Davelastic 98 to a brushable consistency

#### Tiles bedding

25 kg of Davco TTB 98 to 6.0–7.0 L of Davco Davelastic 98

## APPLICATION INFORMATION

Ambient air temperature	5 °C min. / 40 °C max.
Substrate temperature	5 °C min. / 40 °C max.

## 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 that may negatively effect the bonding strength.
- Dusty concrete or masonry should be swept clean and/or vacuumed, and dampened with water.
- Painted surface must be scabbled/abraded to expose the original substrate. Newly rendered/screeded surface must be thoroughly cleaned.
- Old rendered/screeded surface must be thoroughly cleaned.

### MIXING

#### As bonding slurry for rendering/screeding

- Always shake Davco Davelastic 98 container well prior to usage
- Pour Davco Davelastic 98 into a mixing container. Then, slowly add a mixture of cement and sand while mixing to a good brushable consistency.

#### As additive to Davco's tile adhesive

- Always shake Davco Davelastic 98 container well prior to usage
- Pour Davco Davelastic 98 into a mixing container. Then, slowly add Davco's cement-based tile adhesives while mixing.
- Mix continuously in circular motion using a low-speed mechanical mixer until a lump-free, creamy consistency and uniform paste is achieved.
- Allow the mix to stand for 5 minutes. Re-mix for 15–30 seconds before applying onto substrate.

### APPLICATION METHOD / TOOLS

#### Bonding slurry

Pre-wet the substrate to saturated-surface-dry condition. Then, apply the slurry using a small broom or brush onto the substrate. The bonding slurry should not be more than 2 mm thick. Immediately lay the render or screed, wet-on-wet application.

#### Tiles bedding

Please refer to the respective tile adhesive Product Data Sheet.

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#### Product Data Sheet

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### CLEANING OF EQUIPMENT

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

### 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.

### 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.

### 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.

### 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.