



# 751 DAVCO LATEX

## FINISHING ADHESIVE BONDING AND WATERPROOFING OF MORTAR AND CONCRETE



ECO FRIENDLY



HIGH PERFORMANCE



WATER RESISTANT

### DESCRIPTION

Davco 751 is a synthetic resin emulsion which significantly improves the performance of mortar and concrete.

### USES

- Bonding agent for cementitious floor screed and polymer modified repair mortar.
- Bonding additive for slurry scratch coats/key coats.
- Added to thick and thin bed render on screed to increase flexural and compressive strength.
- As an additive to improve water resistance of mortar and prevent rapid hydration.

### ADVANTAGES

- Provide good adhesion.
- Non-toxic.
- Do not contain metal attacking elements.
- Readily fills voids in sandwiched applications.
- Display water in its neat form.
- Prevents rapid hydration of mortar.
- Reduces cracking of mortar.
- Better water resistance.

### SURFACE PREPARATION

All surfaces must be free from dust, grease, paint or loose materials.

If used as a bonding aid to receive polymer modified repair mortar, prepare the substrate by removing existing loose or damaged concrete by mechanical means, including hacking around the surrounding of corroded reinforcing steel to expose the corroded steel. Remove loose debris using compressed air or wire brushing technique. Clean the surface before applying Davco 751.

### Bonding agent

Spread evenly on concrete or other surfaces using brush or roller to form a bonding agent to bond polymer modified repair mortar. Re-application of Davco 751 is necessary if the product has completely dried out before placing the repair mortar.

When bonding to porous surfaces, apply a first coat consisting of 1 part Davco 751 to 2 parts water to reduce suction, following by a second coat of neat Davco 751. For non-porous surface, apply only second coat, wait till tacky or not more than 1 hour before application of mortar or render.

### Slurry Scratch Coats / Key Coat

Mix Davco 751 with cement (1:2). Slurry scratch coats are applied in a uniform 1-2mm film to form keys to receive cementitious floor screeds or wall render.

### Thick Bed Render or Screed

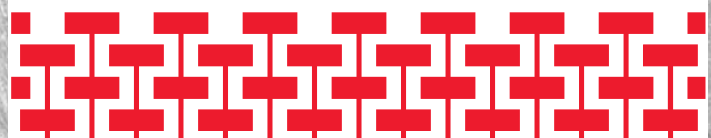
For thick bed applications of ranging thickness, mix 1 part cement to 3 parts sand gauged with Davco 751 till workable.

### Thin Bed Render or Screed

For thin bed applications, mix 1 part cement to 1 part fine sand with Davco 751 and mix to a creamy consistency.



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## TECHNICAL DATA

Colour	Milky White Thin Liquid
Solid content ISO 124 : 2014	: 44.3
Slant shear bond strength @ 14 days (N/mm <sup>2</sup> ) ASTM C1042 : 1999	Type I ≥ 2.8 Type II ≥ 8.7
Touch Dry	30 - 45 mins

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

## COVERAGE

1 litre covers approximately 5-10m<sup>2</sup>. Surface texture and site conditions can alter the coverage of any particular installation.

## CLEANING

Davco 751 can be cleaned using water before product sets.

## PACKAGING

20 litres pail or 208 litres drum.

## SHELF LIFE

Shelf life up to 12 months, if stored in a cool, dry place in the original unopened container.

## HEALTH & SAFETY

This product is non-toxic. In case of excessive skin contact, thoroughly flush with water. If any ill effects should occur, seek medical attention promptly. Refer to safety data sheet.

### Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website [www.parexgroup.com.sg](http://www.parexgroup.com.sg)

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ParexGroup, a French multi-national company with headquarters in Paris, is a leading manufacturer of speciality products for the construction industry with operations in more than 20 countries, and our 2700 people around the world are the cornerstone of our growing organization.

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