



# GROUT 70 ECO

## HIGH STRENGTH NON SHRINK GROUT



ECO FRIENDLY



HIGH STRENGTH



NON SHRINK

### DESCRIPTION

Davco Grout 70 ECO is an environmentally friendly, high strength grout with low embodied carbon footprint. Davco Grout 70 ECO is carefully premixed in factory to ensure consistent product quality on-site. It is easy to use and needs only on-site addition of water to provide a non-shrink grout with high compressive strength.

### USES

Use Davco Grout 70 ECO in applications needing high compressive strength and where shrinkage is undesirable.

Primary uses are for bedding, filling and grouting applications needing high strength, and non-shrink material. It can be use for bedding mortar, repairs to precast concrete, bedding bearing plates, anchor bolt fixing and crane rail assembly.

### ADVANTAGES

Non gaseous grout, free of bleeding, settlement and shrinkage.

Consistent good performance as factory premixes all ingredients.

No shrinkage in both plastic and hardened phases.

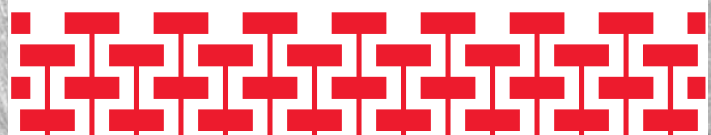
Increased strength when fully restrained.

Superior workability.

### TECHNICAL DATA

Appearance	: Grey powder
Filler	: Graded Sand
Yield per bag	: Around 0.012m <sup>3</sup>
Shrinkage ASTM C940:2016	: 0% @ 28 days
Expansion ASTM C940:2016	: ≤ 0.4% @ 3 days
Compressive Strength ASTM C942 : 2015	: ≥ 70 N/mm <sup>2</sup> @ 28 days
Setting Time ASTM C953 : 2010	
- Initial	: ≥ 1 hr
- Final	: ≤ 10 hours
Pot life	: 20 to 45 min depend on weather condition

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.





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## SURFACE PREPARATION

Clean off oil, dust, dirt, paint, curing compound and thoroughly damp the surface before application.

## MIXING

For optimum result, mechanical mixer should be used. Damp the grout mixer with water before mixing the batch of Davco Grout 70 ECO. Ensure the mixing pail is free of standing water.

Recommended amount of water.  
Plastic consistency: 3.2 - 4.0 litres

Measure recommended amount of water and poured into the mixer. Slowly add Davco Grout 70 ECO and mix continuously for 4 to 5 minutes.

## APPLICATION

Davco Grout 70 ECO is ready to use with the addition of water.

Floor And Vertical Patching / Repairs:  
Compact Davco Grout 70 ECO into the repair area with rod and finish with a steel trowel.

Curing:  
Immediately after finishing, exposed area should be thoroughly cured with wet hessian or curing compound.

## PACKAGING

Davco Grout 70 ECO is available in 25 kg bag.

## SHELF LIFE

When stored in a cool and dry place, product shelf life is up to 12 months from the date of manufacture.

## HEALTH & SAFETY

Davco Grout 70 ECO is non-hazardous. In case of eye contact, wash with plenty of water. If irritation persists, seek immediate medical attention. 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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Updated TM73 Jul 2018



Certificate SG09/02195



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