



# FINE PLASTER ECO

**ENVIRONMENTALLY FRIENDLY,  
PREMIXED FINE MORTAR PLASTER**



**ECO FRIENDLY**



**LOW CARBON  
FOOTPRINT**



**EASE OF USE**

## DESCRIPTION

Davco Fine Plaster ECO is an environmentally friendly cementitious plaster comprising of Ordinary Portland Cement, graded sand, approved recycled material and chemical additives.

Davco Fine Plaster ECO is specially formulated for better adhesion strength and reduced shrinkage cracks, giving superior bonding to concrete substrate and brickwork surfaces.

Davco Fine Plaster ECO is approved by the Eco-labelling authority in Singapore as a sustainable building material.

## USES

Davco Fine Plaster ECO is an extremely versatile material, highly recommended for bedding, pointing brickwork and blockwork, backing and bedding for wall tiles, and for both internal and external plastering. Davco Fine Plaster ECO can be used for all types of concrete substrate, lightweight autoclaved aerated blocks, brickwall and blockwall.

## ADVANTAGES

- Premixed to ensure good consistent quality.
- Prepacked for convenience in handling.
- Mixing and application made easy.
- Eliminates all surface crack lines.
- High bonding strength.
- Good weather resistance and high durability.

## TECHNICAL DATA

Appearance	: Grey
Tensile Adhesion Strength @ 14 days BS EN 1015 : 12 : 2000	: 1.3 N/mm <sup>2</sup>
Water Retentivity BS 4551 : 2005 + A1 2010	: ≥ 95 %
Linear Shrinkage	: 0.09%
Shear Adhesion Strength	: 1.1 N/mm <sup>2</sup>
Stiffening Time BS EN 1015 - 9 : 1999	@ 1 N/mm <sup>2</sup> : 5 hrs 41 mins @ 2 N/mm <sup>2</sup> : 7 hrs 25 mins
Recommended Thickness	: 8mm to 10mm thick per layer of application
Consistency	: Homogeneous mortar paste
Binder	: Ordinary Portland Cement
Filler Material	: Precisely graded silica sand
Coverage (per mm thick)	: Approx. 22 – 26m <sup>2</sup> / mm / 40kg bag
Maximum Aggregate Size	: < 5.5mm
Pot Life	: 60 minutes

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

Remove all dust, oil or traces of foreign materials. Dampen the dry concrete or plastered surface before application of Davco Fine Plaster ECO.

## MIXING

Add approximately 5.6 – 6.6 litres of water to 40 kg of Davco Fine Plaster ECO. Mix thoroughly using an electrical mixer or a paddle mixer for 3 to 5 minutes until the desired homogeneous mortar paste is achieved. Ensure the mix is free from lumps before use.

## APPLICATION

Davco Fine Plaster ECO is applied using a steel trowel or spraying machine. It will remain workable for approximately 60 minutes after mixing.

## Curing

In hot ambient temperature, the plaster should be cured with water spray during the first 2 days, for better shrinkage control.

## PACKAGING

Davco Fine Plaster ECO is supplied in 40 kg bag.

## SHELF LIFE

Shelf life of up to 12 months from the date of manufacture, when stored in a dry place, free from moisture contact.

## HEALTH & SAFETY

Davco Fine Plaster 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.sika.com.sg](http://www.sika.com.sg)

## Sika (Singapore) Pte Ltd.

28 Tuas South Avenue 8 Singapore 637648

Tel: (65) 6861 0632 • Fax: (65) 6862 1172

Email: [sales@sg.sika.com](mailto:sales@sg.sika.com)

Website: [www.sika.com.sg](http://www.sika.com.sg)

Online Store: [davco-online.com.sg](http://davco-online.com.sg)



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