



# WP PLASTER ECO

## PRE-MIXED WATERPROOF PLASTER



ECO FRIENDLY



LOW CARBON  
FOOTPRINT



EASE OF USE

### DESCRIPTION

Davco WP Plaster ECO provides effective integral waterproofing by forming a hydro-phobic layer within the plaster. It is easy to use and provides superior bonding to concrete substrate and brickwork surfaces.

Davco WP Plaster ECO is formulated with Ordinary Portland Cement, approved recycled content, graded sand and chemical additives to provide a durable waterproof plaster for both internal and external plastering.

### USES

Davco WP Plaster ECO is an extremely versatile material. It is highly recommended for bedding, pointing brickwork and blockwork, backing and bedding for wall tiles, and is suitable for both internal and external plastering. Davco WP Plaster ECO can be used for all types of concrete substrate, lightweight autoclaved aerated blocks, brickwall and blockwall etc., whenever a waterproof plaster system is needed.

### ADVANTAGES

- An environmentally friendly building product.
- 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.
- Waterproof plaster provides a continuous and permanent barrier to water.
- Excellent vapour resistance.

### TECHNICAL DATA

Appearance	: Grey powder
Bond Strength	: > 1.0 N/mm <sup>2</sup>
Recommended Thickness	: 5.0mm to 10.0 mm thick per layer of application
Consistency	: Homogeneous mortar paste
Binder	: Ordinary Portland Cement
Filler Material	: Precisely graded silica sand
Additives	: Polymers to improve workability, water retention, adhesion and waterproofing
Coverage (per mm thick)	: 22 - 26m <sup>2</sup> /mm / 40 kg bag
Max Aggregate Size	: 5.5mm
Pot Life	: 60 minutes
Water Absorption	: < 5% (7 days) (ASTM C413 : 2001) (Reapproved 2012)

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 WP Plaster ECO.

## MIXING

Add approximately 5.8 - 7.0 litres of water to 40 kg of Davco WP 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 WP Plaster ECO is applied using a steel trowel and will remain workable for approximately 60 minutes after mixing.

## Curing

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

## PACKAGING

Davco WP 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 WP 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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