



SKIM COAT (EXTERNAL) ECO

**ENVIRONMENTALLY FRIENDLY
CEMENTITIOUS SKIM COAT PLASTER,
FOR EXTERNAL APPLICATION**



ECO FRIENDLY



**LOW CARBON
FOOTPRINT**



EASE OF USE

DESCRIPTION

Davco Skim Coat (External) ECO is a premium grade, environmentally friendly cementitious skim coat, with reduced embedded carbon footprint. It is approved by the Eco-labelling authority in Singapore as a sustainable building material. Davco Skim Coat (External) ECO is ideal for plastered and concrete surfaces and is ideal for both internal and external skimming.

Simply add water and mix with a mechanical mixer, to get a homogeneous paste that gives good workability on both vertical and overhead surfaces.

USES

Application of Davco Skim Coat (External) ECO is suitable for all types of concrete substrates such as lightweight concrete slabs, ceilings, walls, columns and beams. Davco Skim Coat (External) ECO can also be applied on lightweight autoclaved aerated blocks, blockwall and plastered surfaces.

ADVANTAGES

- Environmentally Friendly and non toxic.
- Premixed to ensure good consistent quality.
- Prepacked for convenience in handling, mixing and application.
- Eliminates surface crack lines.
- High bonding strength and durability.

TECHNICAL DATA

Appearance	: Fine grey / white powder
Tensile Adhesion Strength BS EN 1015 - 12 : 2000	: Individual $\geq 0.6 \text{ N/mm}^2$ Average $\geq 0.8 \text{ N/mm}^2$
Tensile Adhesion Strength ASTM G154 : 2006 (After weathering)	: Loss of strength $\leq 15\%$. No cracks or debonding
Compressive Strength BS EN 1015 - 11 : 1999	: 7 - 12 N/mm^2
Water Retentivity BS 4551 : 2005	: $\geq 95\%$
Linear Shrinkage ASTM C531 : 2000 (2005)	: $\leq 0.10\%$
Recommended Thickness	: 1.0mm to 3.0mm thick per layer of application (maximum total thickness = 6mm)
Additives	: Polymers to improve workability, water retention and adhesion
Wet Density	: 1600 kg/m^3
Coverage	: Approximately 28 - 34 m^2 / mm per 40 kg bag
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 Skim Coat (External) ECO.

MIXING

Add approximately 12.0 - 14.0 litres of water to 40 kg of Davco Skim Coat (External) ECO, mix thoroughly using an electrical mixer for 3 to 5 minutes until the desired homogeneous paste is achieved and ready to use.

APPLICATION

Davco Skim Coat (External) ECO is applied using a steel trowel to a maximum thickness of 3mm and cured under shaded ambient conditions. After about 4 hours, the second coat is applied such that total thickness does not exceed 6mm. It will remain workable for approximately 60 minutes after mixing. Davco Skim Coat (External) ECO can be finished with soft hair brush or trowelled smooth.

It is important to protect the product during placement and whilst curing from direct sunlight and wind. This is to prevent rapid dehydration or desiccation (excessive moisture loss).

PACKAGING

Davco Skim Coat (External) ECO is supplied in 40 kg bag.

SHELF LIFE

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

HEALTH & SAFETY

Davco Skim Coat (External) 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

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