



PANEL WP SKIM (EXT)

**ENVIRONMENTALLY FRIENDLY,
SPRAYABLE, WATER RESISTANT,
THICK SKIM COAT**



ECO FRIENDLY



**LOW CARBON
FOOTPRINT**



EASE OF USE

DESCRIPTION

Davco Panel WP Skim (Ext) is a water resistant, environmentally friendly, skim coat, that is specially formulated to be trowelled or sprayable for increased productivity .

Davco Panel WP Skim (Ext) can be applied up to 15mm thick, on vertical surfaces of concrete or panel walls using an airless spraying machine or trowel.

USES

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

ADVANTAGES

- Can apply up to 15mm in total thickness.
- Eliminates the need for plastering before skimming.
- Water resistant, making it ideal for external application.
- Easy to apply and sprayable.
- Increases productivity and saves on manpower.
- Environmentally friendly and non toxic.

TECHNICAL DATA

Appearance : Fine grey / white powder

Tensile Adhesion Strength

BS EN 1015 - 12 : 2000

Individual Strength : $\geq 0.6 \text{ N/mm}^2$

Average Strength : $\geq 0.75 \text{ N/mm}^2$

Water Retentivity : $\geq 95\%$

BS 4551 : 2005 + A1 : 2010

Compressive Strength : 7 - 20 N/mm^2

BS EN 1015 - 11:1999

Water absorption < 5%

ASTM C413:2001 (2012)

Linear Shrinkage $\leq 0.1\%$

ASTM C531:2000 (2012)

Recommended layer of Thickness : 2.0mm to 10.0mm thick per application (maximum total thickness = 15mm)

Additives : Polymers to improve workability, water retention and adhesion

Wet Density : 1700 kg/m^3

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.





PANEL WP SKIM (EXT)

SURFACE PREPARATION

Remove all dust, oil or traces of foreign materials. Dampen the dry concrete or plastered surface before application of Davco Panel WP Skim (Ext).

MIXING

Add approximately 7.6- 9.6 litres of water to 40 kg of Davco Panel WP Skim (Ext), mix thoroughly using an electrical mixer for 3 to 5 minutes until the desired homogeneous paste is achieved and ready to use.

APPLICATION

Davco Panel WP Skim (Ext) is applied using an airless spray machine and steel trowel to a maximum thickness of 10mm and cured under shaded ambient conditions. After about 3 hours, the second coat is applied such that total thickness does not exceed 15mm. It will remain workable for approximately 60 minutes after mixing. Davco Panel WP Skim (Ext) 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).

COVERAGE

Approximately 28 - 34m² / mm / per 40 kg bag.

PACKAGING

Davco Panel WP Skim (Ext) 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 Panel WP Skim (Ext) 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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