



# K10 METAL COAT

## METAL ROOF WATERPROOFING SYSTEM



LOW VOC



COLOURS



CRACK BRIDGING

### DESCRIPTION

Davco K10 Metal Coat is a premixed flexible acrylic waterproofing membrane that can be applied directly from the pail.

#### Davco K10 Metal Coat - 3 Layer System

Davco K10 Metal Coat 3 layer system forms a microporous membrane that waterproofs external surfaces from water seepage and protects it from deterioration due to carbonation, acid or chemical attack and other types of environment pollution.

### USES

Waterproofing of metal roofs for new and old buildings.

### ADVANTAGES

- Easy to apply
- High polymer paste form
- Mould & fungus resistant
- Bridge cracks and remains flexible
- Resistant to ultra violet rays
- Water-based and non-toxic
- Available in various colours

### SUBSTRATE

All surfaces to be waterproofed must be sound. Jet washing or mechanical abrading is recommended to increase adhesion if applied on existing surfaces. Old coatings which are stable and cannot be removed can remain.

### Substrate Types

#### Metal roof

Preparation: Wire brushing or abrasive blasting

Primer: Davco Primer XP.

Finishing with Davco K10 Metal Coat: 2 coats

#### Joints

Primer: Davco Primer XP.

Finishing with Davco K10 Metal Coat: 3 coats (with netting)

### TECHNICAL DATA

Solid Content	> 60% by weight
Elongation at Break ASTM D412:06ae <sup>2</sup>	150%
Adhesion Strength ASTM D4541:02	2.55 N/mm <sup>2</sup>
Hardness Shore A ASTM D2240:05(10)	72
Crack Bridging ASTM C836:2000	> 2mm Passed
Crack Bridging ASTM C836:2000 (after 10 cycles of weathering closing to a width of 2mm)	Passed
Water vapor transmission ASTM E 96 / E 96M:10	10.67 g/m <sup>2</sup> /24hr
QUV Accelerated ASTM G154:06	No cracking
Weathering (1000 hours) ASTM G154:06	Grey Scale No 4.5
Application Temperature	5°C to 40°C
Fire Resistance -Spread of flame index -Smoke evolved index AS 1530 Part 3	Zero 4
Wet Scrub Resistance (After 3000 cycles) SS5:Part F5:2003	Passed

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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## APPLICATION

Apply Davco Primer XP and allow to dry before applying first coat of Davco K10 Metal Coat membrane direct from the can. Apply second coat after the first coat has dried. Apply one coat at a time, allowing interval of 4 to 8 hours between coats.

## COVERAGE

Davco K10 Metal Coat membrane - approx. 40m<sup>2</sup> per 20 litres for 1 coat at film (wet) thickness 0.5mm.

## PACKAGING

Davco K10 Metal Coat membrane is available in 20 litres and 5 litres pail. Davco K10 Metal Coat is available in various colours.

- Standard colours - White & Grey
- Other colours - refer to colour chart

## SHELF LIFE

Davco K10 Metal Coat membrane has a shelf life of at least 12 months when in original unopened container and stored in a cool dry place.

## CLEANING

Clean all brushes, rollers, trays, buckets and surrounding areas with clean water before the product sets.

## HEALTH & SAFETY

In case of eye splashes or excessive skin contact, thoroughly flush with clean water. If ill effects occur, seek medical attention immediately. 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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