



LIQUID WATER REPELLENT

WATER REPELLENT COATING



COLOURLESS SEALER



PROTECTS SURFACE



REPELS WATER

DESCRIPTION

Davco Liquid Water Repellent is a clear transparent liquid based on polysilane / siloxane designed to penetrate the minute pores and capillaries of rigid substrate. The molecular structure of Davco Liquid Water Repellent ensures a water repellency film rather than a complete sealing of the surface. However it does not prevent penetration of water at pressure in excess of 1.4kg/cm².

USES

To form an entrenched impregnable barrier against driving rain and damage from saturation.

To form an impregnation barrier at the back of marble and granite against migration of stains during the hydration process.

Can be safely applied to delicately tinted rough cast surface without discolouration.

Use for prevention of external penetrating dampness in walls.

Other usage include application on new structural precast component, canal wall, box culvert, concrete surface exposed to high moisture environment, etc.

It function as an effective water repellent treatment on surfaces of brick, stucco, concrete, precast concrete and stone.

TECHNICAL DATA

Colour	Clear transparent
Specific gravity @ 30°C	Approx. 0.9
Viscosity @ 30°C	Approx. 0.3 poise
Flash point	39°C minimum
Staining resistance (Methylene blue, Potassium)	Non staining after removal with detergent.

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.

ADVANTAGES

Ready to use from the can.

No dilution required which ensures quality products are being used.

Easily applied by brush, roller or spray.

Coating itself is colourless and the effect is an optical one due to decreased light diffraction.

The surface treated with Davco Liquid Water Repellent can still breathe.

Reduce heat loss caused by ingress of water and subsequent evaporation.

Minimise the absorption of soot and dirt, a frequent cause of decay.

Reduce maintenance cost by prolonging the useful life and appearance of masonry or concrete.

Protect surface from frost spalling, cracking and disintegration and efflorescence.

Rapid shedding of water by Davco Liquid Water Repellent results in maintaining a clean appearance much longer than would otherwise be the case.



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SURFACE PREPARATION & APPLICATION

All surfaces must be dry, clean and free from dirt, dust, oil, grease, wax, paint, curing compounds or any other loose contaminating materials.

Davco Liquid Water Repellent is applied directly from the can using a roller, brush or suitable spray equipment. Soaking method may be adopted for certain type of stones. When applying by brush or roller, a minimum of 2 coats is recommended to ensure a continuous film. When spraying, low pressure should be used and a face respirator worn.

Allow the 1st coat to dry between 6 – 8 hours before applying the 2nd coat.

For installation of granite or marble after application of Davco Liquid Water Repellent, it is recommended to leave the treated surface to dry for at least 4 to 6 hours. When applying on top surface of marble/granite, buffing is followed the next day to remove residue.

Always apply the material from top to bottom. Painted woodwork and plants should be protected when application of Davco Liquid Water Repellent is in progress, this can be done by using a cloth, canvas or polythelene sheet.

Note: Do not apply where severe or continuous efflorescence is encountered. To allow soluble salts time to come out, totally new masonry surface should be allowed to weather for one year before applying Davco Liquid Water Repellent.

PACKAGING

20 litres pail and 5 litres pail.

CONSUMPTION

On good concrete or precast surface:
approx 2 – 8m²/litre/coat .

On granite, marble or stone:
approx 9 – 12m²/litre/coat.

SHELF LIFE

Shelf life of up to 12 months in unopened containers when stored in a cool, dry place.

CLEANING

Use mineral turpentine to clean up.

HEALTH & SAFETY

This product is **FLAMMABLE**. Store in a dry place away from open fire, stoves and heaters. Keep lid firmly closed when storing product, or when not in use.

Wear suitable protective clothings, gloves, mask and goggles when handling the product. Do not smoke.

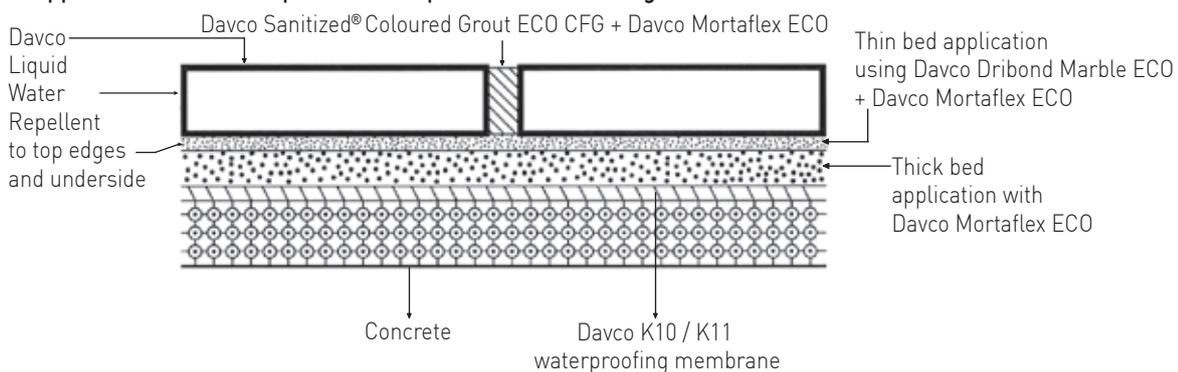
Avoid contact with eyes and skin. Avoid breathing its vapour and ensure adequate ventilation.

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

Typical Application of Davco Liquid Water Repellent for marble / granite.



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