



CARBORUNDUM TOP COAT

**NON YELLOWING, CLEAR
POLYURETHANE, ANTI-SLIP
COATING**



ECO FRIENDLY



WATER BASED



ANTI-SLIP

DESCRIPTION

Davco Carborundum Top Coat is a non-yellowing, water-based, clear polyurethane floor coating that is easy to apply. Davco Carborundum Top Coat forms a tough homogeneous film that increases the slip & stain resistance while protecting the surface and enhancing its durability.

USES

Davco Carborundum Top Coat is specially formulated for both internal and external application and is ideal for refurbished flooring, pebble wash surfaces and any areas that requires slip and stain resistance. The use of Davco Carborundum Top Coat on any exterior concrete surface provides a durable, long-lasting finish that has improves resistance to chemicals, oil, grease, and abrasion.

ADVANTAGES

- Offers excellent slip resistance for slippery surfaces such as stone surfaces, pebble wash surfaces, and concrete Finishes.
- Provides a clear membrane that will not yellow.
- Seals all concrete surfaces making area easier to clean-up.
- Dustproofs concrete with a tough, durable film.
- May be used on all concrete surfaces, including stamped or stained concrete.
- Provides a clear, tough film, which improves abrasion and stain resistance.
- Seals and enhances the beauty of many concrete surfaces for years.
- Ease of maintenance by recoating to restore original beauty.
- Offers improved resistance to most acids and industrial chemicals, oil, grease.

SURFACE PREPARATION

The substrate must be clean, sound, dust free without any traces of oil, laitance, curing compound and other contaminants.

The substrate must be fully cured and dry with low moisture content.

Deeply contaminated substrate must be abraded to clean and sound surface.

TECHNICAL DATA

Slip Resistance SS485:2011 Annex A	56 BPN
Adhesion ASTM D4541:2002 Method A, Type 1 Tester	2.8 N/mm ² @ 3 days 3.3 N/mm ² @ 28 days
Dry - hard time ASTM D1640/D1640M:2004	60 mins
Water penetration DIN 1048 Pt 5:1991 ADM/CE/003:2010	0 mm
Stain Resistance	Good
Pot Life	Approx. 2 hrs

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.

APPLICATION

Ensure that substrate is fully cured before applying Davco Carborundum Top Coat.

Mix Davco Carborundum Top Coat (Part A and B) into a homogenous consistency and apply first coat evenly onto surface. Allow approximately 2 hours for coating to dry before applying another uniform coat perpendicular to previous application.

Allow a minimum of 2 hours before allowing light foot traffic in area.

In external applications, special care needs to be taken to protect the coating from direct sunlight and high winds during curing to prevent rapid hydration or excessive loss of moisture.

Where possible, test areas are recommended, to ensure the suitability of the product for the intended use.

BUILDING TRUST





CARBORUNDUM TOP COAT

COVERAGE

Depending on the porosity of the surface to be applied, average coverage is approximately 4.4 - 5.9m² (as a guide on flat surface), approximately 2.0 - 2.75 (as a guide on pebble wash) per kg /coat.

PACKAGING

Davco Carborundum
Top Coat Part A – 15.2 kg pail
Top Coat Part B – 2 kg container

SHELF LIFE

Must be stored in a cool, dry elevated place and protected from high humidity. Shelf Life: Up to 6 months in unopened bags, if stored as specified above.

CLEANING

Clean mixing and application equipment with water immediately following use.

Remove splatter or spills with water before material sets.

If allowed to dry, removal of the coating material becomes extremely difficult.

HEALTH & SAFETY

When using Davco Carborundum Top Coat, it is recommended that applicators wear PVC or similar gloves and safety goggles.

If in contact with eyes or skin, rinse immediately with water for 5 - 10 minutes. If irritation persists, consult a doctor. Move to fresh air if nasal discomfort occurs. 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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