

Griptop® Comfort Topcoat

Water-based, polyurethane sealer for the Griptop Comfort System



DESCRIPTION

Griptop Comfort Topcoat is a two-component, solvent-free, polyurethane-based flexible matt sealer designed to protect and seal Griptop Comfort Flexcoat as part of the Griptop Comfort System.

Griptop Comfort Topcoat is available in a variety of colours and has very good resistance to many chemicals commonly found in industrial environments.

APPLICATIONS

Griptop Comfort Topcoat is designed to seal a variety of Cemflow, Strongcoat and Griptop flooring systems, as well as screeds in the following:

- » Retail spaces such as stores and showrooms.
- » Health care facilities such as hospitals and clinics.
- » Business facilities such as offices and lobbies.
- » Museums, theatres and shopping malls.
- » Educational premises such as universities, schools and colleges.
- » Industrial facilities such as warehouses, production, maintenance and assembly areas.
- » General food processing and manufacturing plants.

ADVANTAGES

- » Excellent UV stability, non-yellowing.
- » Provides a slip resistant matt finish.
- » Extremely easy to clean and maintain.
- » Low VOC content, and low odour.
- » Resistant to many of the chemicals commonly found in industrial applications.
- » Water based, environmentally friendly.
- » Excellent abrasion and scratch resistance.
- » Excellent resistance to dust and dirt pickup.

STANDARDS

Griptop Comfort Topcoat complies with the requirements of EN 1504-2 for principles 1.3, 5.1 and 8.2 when used as part of the Griptop Comfort system.

TECHNICAL PROPERTIES:

Colour:	Available in various colours
Mixed density:	1.25 ± 0.05 g/ml
Bond strength: ASTM D4541	≥ 4 N/mm ² (concrete failure)
Glossiness @ 60°C:	Matt finish
Abrasion resistance: ASTM D4060 (1000 g, 1000 cycle) CS-17 wheel	≤ 180 milligram
Slip resistance: BS 7976, Slider 96	Dry 66
VOC: ASTM D2369	< 10 g/l (comply with LEED)

METHOD OF USE

SUBSTRATE PREPARATION

Absorbent surfaces (cementitious screeds)

Prior to applying Griptop Comfort Topcoat on absorbent surfaces such as cementitious screeds, ensure the surfaces are clean, dry, and free from dust, debris, or other contaminants.

Old or existing non-absorbent surfaces

These include existing epoxy or polyurethane coatings, and tiles such as glazed ceramic or porcelain. Griptop Comfort Topcoat can be used to seal Griptop Comfort Flexcoat 24 hours after its application, depending on temperature and humidity conditions.

The existing surface must be clean, dry, and free from dust, debris, or other contaminants. Ensure that the existing flooring system is intact and properly bonded to the substrate before the application of Griptop Comfort Topcoat.

Don Construction Products Ltd.

Helions Bumpstead Road, Haverhill CB9
United Kingdom
info.uk@dcp-int.com; info@dcp-int.co.uk
www.dcp-int.com

Griptop[®] Comfort Topcoat

MIXING

Griptop Comfort Topcoat comprises two components, a base and a hardener, which are supplied pre-weighted in the correct proportions. Under no circumstances should part mixing be carried out. The contents of each component should be thoroughly stirred separately to disperse any possible settlement.

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the hardener component into the base component.

Using a power whisk attached to a slow speed electric drill, mix for 2 minutes while avoiding air entrainment until uniform colour and consistency are achieved. Scrape down the sides after 2 minutes to ensure that all materials are fully incorporated.

Note: Never mix Griptop Comfort Topcoat by hand as this could lead to areas of uncured material.

APPLICATION

Griptop Comfort Topcoat may be applied using a short nap roller or airless spray to completely cover and seal the surface. Most consistent finishes are obtained by spray.

When using rollers, wet them out when starting application, taking into consideration the amount of material the roller will absorb. The roller will absorb approximately 250 – 400 ml of the material. Start coating the floor by cutting in the edges with a brush and/or small roller.

To minimise roller marking when the finish is applied by this method, pour neat Griptop Comfort Topcoat into a roller tray and apply it evenly in the same direction over the surface. The material is then cross rolled in the opposite direction. Do not overlap more than 50 mm onto the prior pass.

When applying a second coat of Griptop Comfort Topcoat, it is recommended that this be applied at an angle of 90 degrees to the first coat to ensure complete coverage. Under typical conditions, a second coat can be applied approximately 10 – 12 hours after the first.

OCCASSIONAL SPILLAGE

Chemical Resistance after full cure (3 days @ 25°C), ASTM D1308 (Spot - test @ 24 hr)

Organic Acids

Lactic Acid 8%	R
Balsamic Vinegar 6%	R
Acetic Acid 10%	R

Inorganic Bases

Sodium Hydroxide 50%	R
----------------------	---

Aqueous Solutions

Sodium Chloride 3.5%	R
Tap Water	R

Household Chemicals

Ketchup	R
Mustard	RS
Mayonnaise	R
Olive Oil	R
Coffee	R
Floor Cleaner	R
Ethanol Oil	R

Oils & Fuels

Engine Oil	R
Diesel	R
Jet Fuel	R

Inorganic Acids

Sulfuric Acid 10%	R
Hydrochloric Acid 10%	R

R: Resistant

RS: Resistant with slight discolouration

Don Construction Products Ltd.

Helions Bumpstead Road, Haverhill CB9
United Kingdom
info.uk@dcp-int.com; info@dcp-int.co.uk
www.dcp-int.com

Griptop[®] Comfort Topcoat

REMARKS

- » The ambient temperature of the works area should be a minimum of 10°C during the application and curing period, otherwise, lower ambient temperature can affect the appearance and performance of the system.
- » Materials and substrate temperature must remain above 10°C at all times.
- » Protect the floor from damp, condensation and water for at least 7 days at 20°C before and after installation.
- » The substrate and uncured floor must be kept at least 3°C above the dew point to reduce the risk of condensation or blooming on the surface.
- » Products from different batches should not be used in the same area or on surfaces close together, as variations in colour may occur between different batches.

CLEANING

All tools should be cleaned immediately after use with fresh clean water. Hardened material must be cleaned mechanically.

PACKAGING

Griptop Comfort Topcoat is available in 10 kg packs.

COVERAGE

Approximately 0.13 to 0.14 kg/m² per coat for a dry film thickness of 50 to 55 microns.

Important: This coverage figure is based on application to a smooth, dense surface. Coverage figures will vary according to the texture, porosity and evenness of the surface on which Griptop Comfort Topcoat is being applied.

STORAGE

Griptop Comfort Topcoat has a shelf life of 6 months from date of manufacture if stored in dry conditions at temperatures between 5°C and 30°C in original unopened packs. Do not expose the product to freezing conditions.

If these conditions are exceeded, contact DCP Technical Department for advice.

CAUTIONS

HEALTH AND SAFETY

Griptop Comfort Topcoat should not come in contact with skin or eyes. Goggles and gloves should be used. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

For further information refer to the Material Safety Data Sheet.

FIRE

Griptop Comfort Topcoat is nonflammable.



Griptop® Comfort Topcoat

MORE FROM DON CONSTRUCTION PRODUCTS

A wide range of construction chemical products are manufactured by DCP which include:

- » Concrete admixtures.
- » Surface treatments
- » Grouts and anchors.
- » Concrete repair.
- » Flooring systems.
- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

Don Construction Products Ltd.

Helions Bumpstead Road, Haverhill CB9
United Kingdom
info.uk@dcp-int.com; info@dcp-int.co.uk
www.dcp-int.com

Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

www.dcp-int.com

DCP Building Excellence