

Griptop LDS

Self leveling polyurethane floor topping



Description

Griptop LDS is a three-packs solvent free flexible, polyurethane based topping that provides floor surfaces with a seamless, hygienic and cosmetically attractive gloss finish.

Griptop LDS is flow applied by trowel to horizontal surfaces and has very good durability towards pedestrian and vehicular traffic. It also has very good resistance to many of the chemicals commonly found in an industrial environment (consult our Technical Department for further details).

It can be supplied in a variety of colours (consult our Sales Department for details).

Applications

Griptop LDS is used to provide a hygienic, dense and hard wearing surface for concrete floors for a wide range of applications such as:

- ▲ Hospitals.
- ▲ Pharmaceutical factories.
- ▲ Showrooms.
- ▲ Laboratories.
- ▲ Light industrial plants.
- ▲ Kitchens.

Advantages

- ▲ Provides hygienic floor.
- ▲ Flexible and wearing system.
- ▲ Solvent free.
- ▲ Light weight.
- ▲ Resist a wide range of chemicals, consult DCP technical department for more details.

Standards

Griptop LDS complies with EN 13813, SR-B2.0-AR0.5-IR10.

Method of Use

Surface Preparation

The surface must be clean, dry (less than 75% RH measured by hygrometer) and free of laitance.

Technical Properties @ 25°C:

Mixed density:	1.55 ± 0.05 g/cm ³
Pot life:	30 min
Foot traffic:	After 12 hr
Chemical curing:	After 7 days
Tensile strength: BS 6319, Part 7	> 6 MPa
Bond strength: BS EN 13892-8 ASTM D4541	> 2 MPa (concrete failure)
Maximum wear depth: BS EN 13892-4	0.01 mm
Impact resistance: ISO 6272-2	> 10 N.m
Flow: ISO 554	> 16 cm
Taber abrasion resistance: (1000 g, 1000 cycle) ASTM D4060, weight loss	
H22 wheel	400 milligram
CS17 wheel	60 milligram
VOC: ASTM D2369	< 10 g/ltr

To ensure a good bond to the substrate, a 20mm deep x 8mm wide rebate should be cut around the edges of the floor. 150mm from the walls and running parallel to them.

For treatment of surfaces containing expansion joints, consult our Technical Department.

Priming

The surface must be primed with Griptop Primer prior to application of Griptop LDS.

Note: More than one coat may be required for highly porous or textured surfaces.



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Mixing

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the Griptop LDS hardener container into the resin container and using a jiffy-type mixer attached to a slow-running electric drill, mix for approximately for 2 minutes. Once the Griptop LDS hardener, and resin pack have been mixed, transfer all the mixed material into a Casco or Creteangle-type mixer, taking care to ensure that the bottom and sides are thoroughly scraped.

Start the mixer and transfer to it the entire contents of the Griptop LDS Filler container, taking care to ensure that these are completely dry and lump-free. Continue mixing for approximately two minutes.

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

Application

Once mixing is complete, transfer the Griptop LDS to the prime surface at the required thickness by rack.

Care should be taken when joining the lanes, to achieve a smooth connection. It is recommended to mask off edges with tape which is then removed while Griptop LDS is still wet.

Note: Never leave the mixed Griptop LDS kit to stand for any length of time prior to application as this will considerably shorten its working time.

Working Conditions

Griptop LDS should not be applied at temperatures less than 5°C.

Finishing

While still wet, thoroughly spike roll the Griptop LDS.

Remarks

- ▲ Griptop LDS should not be applied on to surfaces known to suffer from damp rising.
- ▲ Griptop LDS should not be applied at temperatures below 5°C or where ambient relative humidity exceeds 80%.

Cleaning

Griptop LDS can be removed by DCP solvent prior setting.

Packaging

Griptop LDS is available in 16 kg packs. (10.5 litre). Griptop Primer is available in 5 kg packs.

Thickness range

1 - 3 mm.

Coverage

Approximately 10m² per kit @ 1mm thick.

Storage

Griptop LDS and primer have a shelf life of 12 months from date of manufacture if stored at temperatures between 5°C and 32°C in unopened container and under good condition.

If these conditions are exceeded, DCP Technical Department should be contacted for advise.

Cautions

Health and Safety

Griptop LDS and its primer should not come into contact with skin and eyes.

In case of contact with eyes wash immediately with plenty of water and seek medical advise promptly.

For further information refer to the Material Safety Data Sheet.

Fire

Griptop LDS and its primer are nonflammable. DCP solvent is flammable material and should not be used near a naked flame. Do not smoke near DCP solvent.

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

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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.

-  expertise
-  quality
-  full range

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