

Higher performance, 2-pack, solvent free system with Pre-mixed Anti-slip Aggregate.

For use on industrial and commercial floors in laboratories, showrooms, schools and plant rooms.

Provides easy to clean, dust-free surfaces that withstand foot traffic and forklift trucks.

Extremely hard wearing with anti-slip properties.



Appearance

High gloss surface with an anti-slip finish.

Colours

Grey

Pack Size

5 kg units.

Components

5 kg Composite Packs including:

Part A (3.75 kg) - Epoxy Resin with anti-slip additive

Part B (1.25 kg) - Curing Agent

Features



Strong



Interior



Eco-friendly

Applications

For use on industrial and commercial floors in laboratories, showrooms, schools and plant rooms.

Uses

INTERNAL USE ONLY.

A heavy duty floor coating for new and existing concrete floors in processing and beverage areas, chemical plant rooms, engineering workshops, automotive & aviation areas, factory and warehouse units. Not recommended for use on Bitumen or asphalt.

Can be Brush or Roller applied.

Advantages

- ✓ High Build Gloss Finish with Anti-slip additive
- ✓ Solvent-Free, environmentally friendly - 100% solids
- ✓ Hard wearing, good abrasion resistance, withstands foot and forklift trucks
- ✓ Provides easy to clean, dust free surfaces
- ✓ Good chemical resistance
- ✓ "Odourless" user friendly epoxy which is easy to use/mix

VIRTUS RESINS

The Shippon, Faenol

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Epoxy resin suppliers

Thickness

2 coats which will give an overall dft of approx 400-480 microns. Due to wastage factors and the type, condition, profile and porosity of the substrate.

Pack Size

5 kg Composite Packs including:

Part A (3.75 kg) - Epoxy Resin with anti-slip additive

Part B (1.25 kg) - Curing Agent

Cure Schedule at 20 °C

- Touch dry after 4 hours at 20°C.
- Through dry after 8 hours at 20°C.
- Recommended over coating after 12-18 hours.
- Light Traffic after 12-24 hours.
- Forklifts/Heavy Traffic after 48 hours.
- Avoid washing surface until a full cure has been completed after 7 days.

Coverage

Primer:

4.5 kg Composite Pack covers 18-27m² per coat (0.17 - 0.25 kg/m² per coat). One coat is generally sufficient.

Topcoat:

5 kg Composite Pack covers 16.6-20m² per coat (0.25-0.3 kg/m² per coat) achieving a dft of 200-240 microns per coat.

Apply 2 coats which will give an overall dft of approx 400-480 microns. Due to wastage factors and the type, condition, profile and porosity of the substrate.

Surface Preparation

Inadequate preparation will lead to loss of adhesion and failure. In coatings, there is a tendency for the finish to mirror imperfections in the substrate. For concrete substrates, grinding or light vacuum contained shot-blasting is therefore preferred over planing for these Systems. Refer to the Virtus Guide to Surface Preparation.

New Concrete Floors:

New Concrete must be at least 4 weeks old before considering coating the substrate or moisture less than 5%. The surface must be clean, sound, dry and fully cured and surface laticence removed preferably by enclosed shot blasting or mechanical grinding.

Existing Concrete Floors:

Remove all dirt, oil, grease or other surface contaminants by enclosed shot blasting, scarification or mechanical grinding. Fats ,oils or greases must be removed by mechanical means and detergent washing.

Priming

Strongcoat Anti-slip Primer (see separate data sheet) must be used on highly polished/ power floated floors. Open, porous substrates will require priming.

Application

Store between 15°C - 25°C for at least 8 hours before use.

- The ambient temperatures of the areas should not be allowed to fall below 10°C throughout the application and curing period.
- Surface temperatures must be above 5°C, in cases where the temperature is higher than 30°C, the surface should be dampened with water.
- Apply by brush or medium pile sheepskin roller ensuring the product is well worked into the surface.
- Do not exceed the coverage rates stated above.
- DO NOT OVER ROLL.
- Floor areas should be cross-rolled to ensure even application and to minimise roller marks.
- Second coat can be applied after 12-18 hours and should be completed within 5 days of initial coat, if left for longer than 5 days, the surface should be abraded pre-second coat.

Mixing

EITHER ANTI- SLIP EPOXY PRIMER AND ANTI-SLIP GLOSS FLOOR COATING

1. Add the smaller tin containing PART B - CURING AGENT to the bigger tin containing PART A - EPOXY RESIN .
2. Ensure mixing of the combined materials is done thoroughly using a spatula, wide bladed tool and or drill assisted paint mixing tool (on its lowest speed setting).

ALWAYS ENSURE A SPATULA IS USED TO MIX ANY UNMIXED MATERIALS FROM THE SIDES OR THE BOTTOM OF THE TIN.

3. It is suggested that continuous mixing is maintained for at least 3 minutes until an even colour and uniform consistency is achieved. Over mixing must be avoided to reduce air entrainment.

DO NOT MIX MORE THAN ONE PACK AT A TIME.

Pot Life

BOTH ANTI-SLIP EPOXY PRIMER AND ANTI-SLIP GLOSS FLOOR COATING

Up to 45 minutes at 20°C. Greater temperatures will reduce pot life.

Cleaning

Before the product cures all applicators should be washed in warm soapy water. Any spillages of the PART A - ANTI-SLIP EPOXY RESIN prior to mixing must be removed by solvents.

All surfaces should be thoroughly rinsed with clean water after the use of chemical cleaners.

Do not steam clean or use anything that cleans with temperatures exceeding 60°C.

If unsure of any industrial cleaners, use a test area to ensure compatibility.

Storage & Shelf Life

DO NOT ALLOW PACKS TO FREEZE.

12 months shelf life from date of production in original unopened containers and can be stored in dry conditions between 5°C - 30°C.

Health and Safety

Refer to product Safety Data Sheet before use. Good working practice should be followed. The specification and coverage rates are given in good faith and are based on our experience and knowledge but without liability.

Technical Advice

There is a code of practice from FeRFA (the Resin Flooring Association) - Guide to the specification and application of synthetic resin flooring on www.ferfa.org.uk which can be consulted for general advice on preparation of substrates.

A Material Safety Data Sheet is available on request. For further information on this or any other Virtus product, please contact our office.

Note: The information contained in this document, and all further technical advice given is based on our present knowledge and experience. However, it implies no liability or legal responsibility on our part. In particular, no warranty or guarantee of product performance in the legal sense is intended or implied as the conditions of use and the competence of any labour involved in the application are beyond our control. Properties listed are for guidance purposes only. We reserve the right to make any changes according to technological progress or further developments.

Availability

3 - 5 working days. **Country of Manufacture:** United Kingdom

You Might Also Need:

- Resin Painting Kit
- Mixing Drill Attachment
- Strongcoat Anti-slip Base Coat
- Strongcoat Anti-slip Primer



Certificate Number 8516
ISO 9001

Disclaimer: FeRFa (The Resin Association) do not consider anhydrite, hemi-hydrate, and calcium sulphate screeds to be suitable for overlayment with resin floor finishes.

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