

Floorcoat Grip Tech



DESCRIPTION

A two component, solventless blend of epoxy resin and polyamides, air drying and pigmented floor coating with a choices of aggregates

INTENDED USE

Speccoats Floorcoat Grip Tech is a high performance, solvent free coating designed for use as a universal slip deterrent system for concrete and metallic surfaces

PRODUCT FEATURES

- This product is fast curing and is specifically designed for in-shop application
- Easy to apply – can be used with a slip deterrent additive.
- Can take light traffic after 20 hours
- Ideal for use on steps, ramps, walkways, tank tops, tailgates, machinery areas, etc.
- Easy to clean and maintain.
- Provides a pleasing decorative finish.

LIMITATIONS

- Not resistant to strong acids and alkalis and some solvents
- Will gradually chalk if exposed to sunlight

PACKAGING

- Dual Pack – 0.8kg packs with aggregate supplied separately

STANDARD COLOUR AVAILABILITY

Light Grey, Mid Grey, Concrete Grey, Dark Grey, Stone, Red, Mid Green and Dark Green – According to the Speccoats Flooring Colour Card



PRODUCT INFORMATION

- **Number of Components:** 2
- **Density:** 1.7 Kg/Lt
- **Mixing Volume Ratio:** 2 to 1
- **Volume Solids:** 100%
- **Pot Life:** 25 Minutes @ 20°C
- **Film Thickness:** Wet - 250µm
Dry - 250µm
- **Spreading Rate:** 4m² /lt @ 250µm DFT
- **Temperature Resistance:** Dry 85°C

SURFACE PREPARATION

- Degrease surfaces with **Speccoats Hydrosolve** followed by a high pressure water rinse

Preparation Of Floor Surfaces For Coating

- The coating must only be applied surfaces where the cement or concrete aggregate has been bared by grinding or blast cleaning. Further advice as to what type of equipment should be used for this task is available from **Speccoats Technical Service Department**
- Allow the surface to dry out prior to application. Moisture content measured using a Protimeter or Max Doser Instrument supplied by Speccoats must be less than 5%
- The entire surface must be thoroughly vacuumed prior to commencement of the coating. Good housekeeping is essential to achieve high quality floor coating. All tools must be kept clean (free of gelled material) for the duration of the work
- Speccoats Floorcoat SB Epoxy Primer should be used on porous concrete surfaces
- May be applied to metal, wooden and quarry tile surfaces when suitably primed

Control Of Personnel During Coating

- Only properly equipped personnel should be allowed on the floor being coated (clean Overalls)
- All other personnel and operations must be 'off site' to prevent contamination onto the floor
- It is advisable to have material stocks in excess of the calculated requirements
- After completion of the application, the work area should be sealed off and the traffic diverted for the full curing period



Floorcoat Grip Tech

APPLICATION

Mixing – Two Components

- This product is supplied as a three component material, comprising a base component, an activator component and a graded aggregate component
- Stir the base using a suitable mechanical stirrer (supplied by Speccoats) until the mixture is uniform, then add the activator components while stirring. Stir in activator for 5 minutes until homogeneous

Application – Equipment & Methods

 Brushes	<ul style="list-style-type: none"> • Starting at the furthest point away from the final exit point, and using good quality brushes and short or medium pile roller, the coating should be applied evenly & the surface completely “wetted Out” with regular checks being made ensure the correct film thickness is being applied • The quality of the finish depends upon the skill of the applicator at this stage • The selected aggregate should be applied to the coating when it is still wet, and should be scattered over the surface to completely cover the surface. Approximately 1.5kg of the aggregate should be applied per m² to provide adequate coverage • As soon as the aggregate has been applied all masking tape should be removed. Once the coating has cured, the excess aggregate may be brushed off • The coating will take 16 Hours to hard dry, during this time, while the surface is still wet, the surface must be protected from dust contamination and water wetting. At 25°C the floor will take light traffic after 16 hours but is still vulnerable to damage for the next 48 Hours
 Rollers	

Thinning

- Thin up to 15% with **Speccoats Lacquer Thinners**

Cleaner

- Cleaning is done with **Speccoats Lacquer Thinners**

APPLICATION ENVIRONMENT

Level	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	10°C*	10°C	0%
Maximum	40°C	45°C	85%

*or 3° above the dew point

DRYING TIME

Touch dry	Over-coating interval		Suitable for Light Traffic	Full Cure
	Minimum	Maximum		
4 hours at 25°C for 250µm at 65% RH	4 hours at 25°C at 65% RH	48 Hours	16 hours at 25°C at 65% RH	48 Hours

STORAGE AND HANDLING

Storage - Store at temperatures between 5°C and 40°C, away from direct sunlight, open flames or sparks

Shelf Life - Minimum 2 years when packed in original containers

HEALTH AND SAFETY

- Adequate ventilation should be provided during use
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. **ISSUE DATE 19/11/2010**