

Hard-wearing, epoxy resin anti-slip coating for concrete, stone, metal and wood

Appearance

Attractive, coloured, coarse aggregate textured finish. Available in 11 colours.

Official Slip Test

Ceram Research recently tested this product with the Tortus Floor Friction Tester. Using a variety of rubber and leather materials the Tortus Tester measured slip resistance under wet and dry conditions. The results exceeded the recognised 'Very Good' safety standard level by 25%.

Availability and Coverage

Treadsafe is supplied in a pack designed to cover 5m². Comprises epoxy resin, hardener and anti-slip aggregate.

Chemical Resistance

Treadsafe is resistant to brief spillages of the following:

Petrol, Oils, Diesel Fuel, Detergents, Bleach, Antifreeze.

Storage

Store Treadsafe at a temperature range of 15°C - 25°C for 8 hours prior to use. This will ensure easier application of the mixed resin and hardener and maximise pot life.

Surface Preparation - Concrete and Stone

Concrete to be treated must be dry and at least four weeks old and free of any soft surface laitance and contaminants. Previous coatings should ideally be removed by wire brushing or sanding. If this is impractical the surface should be thoroughly abraded and all loose paint removed.

All traces of grease or oil should be removed with Solvent Free Degreaser and the area thoroughly hosed off and allowed to dry. Very smooth concrete or concrete with soft surface laitance

should be etched with Cement Cleaner/ Etchant and the area thoroughly hosed off and allowed to dry.



Paco systems

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Surface Preparation - Steel

Remove any loose or flaking material and rust by wire brushing or disc grinding. Shot or grit blasting (to BS4232 second quality) is an ideal preparation. Oil or grease should be removed with Solvent Free Degreaser and the metal then washed with a neutral soap type cleaner and allowed to dry. Coating should be carried out immediately after cleaning providing that flash rusting has not occurred.

Surface Preparation - Wood

Wood should be sanded to a reasonably smooth finish, and all previous coatings should be removed. Any uncoated surfaces or edges which are not to be treated with Treadsafe should be sealed to prevent expansion and contraction of the wood due to moisture.

Masking

Mask with newspaper any areas that may otherwise become flecked with resin/aggregate during application of the product.

Mixing

Pour the liquid contents of the two small tins (resin and hardener) into the larger outer tin and mix thoroughly until uniform in colour. **Do not** mix in the anti-slip aggregate. The mixed components should be decanted into a shallow tray and be used immediately. (If they are not decanted the components and mixing tin will become quite hot and unusable).

Pot Life

Approximately 30 minutes to 1 hour at a temperature of 20°C when decanted into a shallow tray. Pot life will be reduced if the mixed components are left in the mixing tin. Treadsafe cold cure approximately 30 minutes at 5°C. Pot life will be dramatically reduced if the mixed components are left in the mixing tin – the product could become unusable within 5 - 10 minutes.

Application

A pile-type roller (not foam) should be used to apply the mixed resin and hardener. Pour the mixed resin and hardener into a shallow roller tray.

Apply the mixed resin and hardener by roller to a measured area of 5m².

Immediately sprinkle the anti-slip aggregate uniformly onto the wet coat to obtain the desired surface finish (total or light coverage). Using the same roller that was used to apply the mixed resin and hardener roll over the sprinkled aggregate to bed in and cover the anti-slip aggregate.

It is not normally necessary to re-charge the roller with mixed resin unless very heavy quantities of grit have been applied. In exceptional temperature conditions advice should be obtained.

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Curing Time

Please specify Treadsafe cold cure if application is to be made within a temperature range of 0°C to 10°C.

Curing time approx 24 hours at 10°C or 48 hours at 0°C. Please check that the product is fully cured before putting the area back into use.

Caution - Please protect the coating from water (including excessive condensation) until the surface has been allowed to cure.

Curing time of Treadsafe is affected by temperature. At a range of 15°C - 25°C, 24 hours should generally be allowed before putting the area back into use. If applied in temperatures of 10°C - 6°C the product could take several days to cure and at 5°C, or below, the product may not cure at all.

Cleaning of Applicators

It is not practical to clean applicators and they should be discarded after use. White spirit or similar solvent will remove accidental splashes of Treadsafe (if treated immediately).

Maintenance

The coated surface must be regularly inspected to ensure that the anti-slip properties have been adequately retained and that it is undamaged and free of compacted dirt, rubber dust etc. Remove dirt with a medium stiff broom or light scrubbing machine using detergents if necessary. No further maintenance is required. Do not steam clean.

Important

The components and mixing tin can gradually become quite hot and unusable if not decanted into a shallow roller tray shortly after mixing.

Limitations

Not suitable for bare foot traffic use.

Safety

All product labels provide general safety information. Material Safety Data Sheets are available. Food products must be removed from the area during application and cure.

Solvent Free Degreaser

For preparatory degreasing. An emulsifying super-penetrating degreasant that removes oil and grease from concrete and metal. Coverage approximately 2m² per litre.



SPECIALIST PAINTS FOR INDUSTRY

Cement Cleaner/Etchant

Preparatory etchant for use where

- (a) the concrete is very smooth,
- (b) where laitance is present or
- (c) where chemical hardeners have been used.

Coverage 4m² per litre maximum.

All products are sold subject to the Company's Standard Conditions of Sale.

The Company and its representatives are often asked to comment on potential uses of products which differ from those described in the Company's data sheets. Whilst in such cases the Company and its representatives will always try to offer helpful and constructive advice, the Company cannot be held responsible for the results of such uses unless they are specifically confirmed in writing by.

All information is based on results gained from experience and tests and is believed to be accurate, but it is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control.

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