



Truegrip TCD

Anti-skid Decorative Resin Surfacing

USES

Truegrip TCD is a decorative, anti-slip epoxy resin system for external applications. It is ideal for areas such as pedestrian walkways, ramps, cycle lanes, bridges, railway platforms, urban developments, traffic calming and highways applications. It provides a safe surface for pedestrians and vehicular traffic.

DESCRIPTION

Truegrip TCD is a two pack epoxy resin based surfacing system which is broadcast with a specially selected refractory grade PSV 70 Calcined Bauxite aggregate (1-3mm for road grade or 0.5 – 1.4mm for foot grade). Other aggregates may also be used – refer to Conren for advice.

ADVANTAGES

| | |
|--------------------------|---|
| Anti-skid | High friction anti-slip finish |
| Epoxy resin based | Excellent adhesion onto a range of substrates including asphalt, concrete, wood & metal |
| Fast cure | Ready to receive vehicular and pedestrian traffic within hours |
| Decorative | A range of colours and textures available |
| Durable | Abrasion resistant and resistant to petrol, diesel, chemicals & salt |

PHYSICAL PROPERTIES

| | |
|---|----------------------|
| Tensile strength (7 day cure) | 10 N/mm ² |
| Elongation (7 day cure) | 20% |
| Specific gravity (resin binder only) | 1.16 |
| Pot life | 20 minutes |
| Cure time | 4 – 6 hours |
| Open to traffic | 6 – 8 hours |
| Full cure | 7 days |

(Below 20°C these times will be increased)

CHEMICAL RESISTANCE

Truegrip TCD is resistant to a wide range of chemicals. Specific data is available on request.



COLOURS

Truegrip TCD is available in a range of colours. Refer to Truegrip TCD in the colour chart section of the Surfacing Solutions brochure.

TEMPERATURE

Truegrip TCD should not be applied at temperatures below 5°C. Minimum substrate temperatures should be 5°C and rising. The appearance, but not performance of the system, may be affected by adverse weather conditions on application. Refer to Conren for advice.

INSTRUCTIONS FOR USE

SURFACE PREPARATION

Ensure that all surfaces are clean, dry, sound and are free from dust, dirt, oil, laitance and contamination. All perimeters should be masked with tape to produce neat edges. Manholes, drain gratings, road markings etc. should be masked to prevent contamination. Friable surfaces should be primed with WD Bonder.

MIXING AND APPLICATION

Truegrip TCD is supplied in pre-weighed units ready for onsite use. The entire contents of the hardener container must be added to the base container and mixed thoroughly for 5 minutes with a slow speed mixing drill having a heavy duty mixing paddle. The mixed Truegrip TCD is poured and spread on to the surface using a notched squeegee. Care should be taken to ensure a uniform and even application is obtained. As soon as the mixed resin is evenly spread, the refractory grade Calcined Bauxite aggregate must be scattered liberally over the surface so that none of the Truegrip TCD resin is visible. If the resin is seen to rise through the aggregate, further aggregate should be applied so that any wet patches are covered with an excess of aggregate. Alternative aggregates may be incorporated into the Truegrip TCD system please contact the Technical department for advice.

FINISHING

All masking tape should be removed after thirty minutes. If the freshly applied surface must be crossed during tape removal, spiked shoes should be worn to prevent disturbance of the surface. As soon as the resin system is solid to the touch, excess aggregate can be removed by careful sweeping. Care should be taken not to commence brushing prematurely, as this will spoil the finished appearance.

COVERAGE AND PACK SIZES

| Pack Size | Approx. Coverage |
|---|-------------------------|
| 25kg TCD Combined Unit (mix ratio Part A / Part B = 3:1) | 2 kg / m ² |
| Aggregate | 6-8 kg / m ² |
| Primer (for use on concrete/metal/wood) | 0.2 kg / m ² |

N.B. Coverage is dependent on surface texture and porosity.

PRECAUTIONS

Truegrip TCD is a non flammable product. Truegrip TCD should not be allowed to come into contact with skin and eyes or be swallowed. Epoxy resins and hardeners may act as skin sensitisers to some people. Gloves, goggles and barrier creams should therefore be used. In the event that mixed resin comes in contact with the skin it must be removed before it hardens with a good quality resin removing cream followed by washing with soap and water. Do not use solvent. If accidental eye contamination occurs, irrigate with copious quantities of clean water and seek medical advice. If ingestion of any of the materials takes place, seek medical attention immediately. Do not induce vomiting. Refer to Safety Data Sheet.

DISPOSAL

All tools and equipment should be cleaned with Conren Solvent Cleaner immediately after use. Spillage should be absorbed with sand and sawdust and disposed of in accordance with local regulations.

STORAGE

Shelf life is at least 6 months if stored in original containers between 10°C and 25°C.

CONTRACTING SERVICE

Conren Limited offers a contracting service for the application of all Conren products. This facility is back by a comprehensive technical and after sales service. We are able to contend with most problems in the field.

TECHNICAL SERVICE & QUALITY ASSURANCE

All information provided in this leaflet is based on results obtained from our own experience and test and is given in good faith. The user will be deemed to have satisfied himself independently of the suitability of Conren's products for his own particular purpose. We guarantee to replace, free of charge, any goods supplied by us which are proved to our satisfaction defective, but, as the application of these materials is necessarily beyond our control, we will not accept responsibility for any damage or loss arising wholly or in part from these materials. Except as herein provided, any express or implied condition, warranty, statement or representation, statutory or otherwise as to the quality of the goods is expressly excluded.

SPECIFICATION

Anti-skid decorative epoxy resin surfacing shall be Conren Truegrip TCD
All products to be applied in accordance with Conren's written instructions.

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