TESCO TUFF ANTI-SLIP KIT
PRODUCT DATA SHEET

Product Information

Product Name	Anti-Slip Kit
Colour	Green / Red / Yellow / Blue
Unit Size	10kg
Approximate Coverage	7.2m²
Kits Per Pallet	36

Description

Tuff Anti-Slip Kit is a complete, cold applied solution containing everything required to carry out fast anti-slip application to designated trafficked surfaces such as pedestrian walkway and areas subject to vehicle traffic. For further information, please contact Tuff Technical Services on 01977 680250. More information can also be found at www.tuffstuff.co.uk

The kit is designed for temperatures between 1°C to 30°C. The Anti-Slip Kit is suitable for use on Liquid applied waterproofing systems, existing asphalt and concrete surfaces. For application onto Metal, Tuff Metal Primer (not included) is required.

Kit Components

- 2 x 3.6kg Resin
- 2 x 50g Resin Catalyst Paste
- 1 x 1.5kg Primer
- 1 x 50g Primer Catalyst Paste
- 2 x Mixing Stick
- 3 x 100mm (4”) Roller Sleeve
- 1 x 100mm (4”) Roller Frame
- 4 x Blue Nitrile Gloves

Key Features

- Simple application for even, slip resistant finish
- Tough and durable
- Catalyst controlled, rapid curing
- Fast and easy to apply
- Highly resistant to discolouration

Storage Recommendations

Always store closed containers in a cool, ventilated and dry location away from heat. Do not store in direct sunlight or in temperatures at or below 0°C or above 25°C. Shelf life is 12 months when properly stored, sealed, and unmixed.

Safety & Handling

Please ensure that appropriate PPE (e.g. eye protection and gloves) is used when preparing, mixing and applying products.
Use materials in strict accordance with published recommendations. Dispose of waste materials in accordance with local regulations.

For further information consult the relevant Safety Data Sheet (SDS).

Application Temperature

The **Tuff Anti-slip Kit** should be installed when ambient air temperature is between **1°C to 30°C**.

Preparation

Substrates must be structurally sound, well adhered and free from excessive movement. The installer should also ensure that the underlying structure and any built up construction can adequately support the proposed traffic loading (including point loading) without undue deformation during the expected lifespan of the system.

Thoroughly clean down all areas to be treated, removing any dirt and debris, standing water, mould growth, moss, etc.

Inspect all surfaces to assess soundness of existing substrates including any existing coatings, repairs and any test areas. This is to verify compatibility for the proposed coating system and to assess the need for priming.

Remove any existing loose or poorly adhering materials and repair where appropriate.

Treat any areas of fungal growth or moss with a fungicidal wash to ensure all spores are destroyed. Power wash to remove any residues.

All surfaces should be clean, dry and free from contaminants.

Any oil visible on the surface shall be removed by washing and scrubbing with a suitable detergent solution followed by flushing with clean water or by other suitable means.

Liquid Applied Waterproofing Systems
For liquid applied waterproofing systems, primer is not normally required. Compatibility testing should be carried out prior to application to confirm suitability and determine whether priming is necessary.

Mechanically abrade (grind) any loose and flaking topcoat materials back to the base layer to provide a sound firm edge.

For materials with a topcoat less than 12 months old, mechanical abrasion will be required to the roof edges.

Ensure all surfaces are thoroughly scrubbed with clean Acetone prior to coating.

Asphalt Surfaces
Any blow holes in asphalt are to be smoothed out or removed and levelled off using a suitable repair compound.

All large non-structural cracks and voids should be cleaned out and made good using a suitable repair compound. Allow repairs to cure prior to coating (as per manufacturer's guidance).

For asphalt, primer (included) is recommended.

Concrete Surfaces
Any spalled, loose, unsound concrete or brickwork should be broken out and repaired using a suitable repair mortar.

All smooth concrete surfaces to be treated should be lightly abraded with suitable equipment (e.g. vacu-blast, diamond disc grind etc) where necessary to remove laitance and/or remove other impervious matter, concrete curing membranes etc, until a clean, dry and open surface is attained.

All large non-structural cracks / voids should be cleaned and made good using a repair compound.

Wet or saturated substrates should be allowed to thoroughly dry out before any products are applied.

For newly laid concrete/screed, follow general guidelines allowing a curing time of at least 28 days or one week per 25mm, or preferably follow manufacturer's instructions. In the case of polymer modified material, refer to manufacturer's instructions

For concrete, primer (included) is required.

Metal Surfaces
Mechanically abrade metal surfaces to remove loose paint, rust etc.

Any areas of significant rusting which cannot be removed should be treated with a suitable proprietary rust converter. This should be applied in accordance with the manufacturer's guidance.

Rub down all sound residual coating surfaces to provide a mechanical key for repainting and remove debris. Thoroughly wipe metal surfaces with acetone prior to priming.

For metal surfaces, Tuff Metal Primer (not included) is recommended.

Mixing & Application

- Mask off the desired area to allow for a neat, professional finish.
- The area is to be prepared in accordance with the preparation section. Areas are to be primed as required.

Primer Application (for Concrete / Asphalt)
- Thoroughly mix the primer in the 1.5 kg container before adding the catalyst. (Use Mixing Stick provided).
- Add the entire **50g tube of Primer catalyst paste** to primer and mix thoroughly for a minimum of **2 minutes**, ensuring the catalyst paste is fully dispersed (Use Mixing Stick provided).
- Once activated, the primer has a limited working time and should be applied without delay.
- Apply primer directly to the substrate using the roller provided. Allow to cure.

Resin Application
- Thoroughly mix the resin in the 3.6 kg container before adding the catalyst. (Use Mixing Stick provided or for optimum mix, use a Drill and paddle).
- Add the entire **50g tube of Resin catalyst paste** to 3.6kg resin and mix thoroughly for a minimum of **2 minutes**, ensuring the catalyst paste is fully dispersed. (Use Mixing Stick provided or for optimum mix, use a Drill and paddle).
- Once activated, the material has a limited working time and should be applied without delay.
- Apply material directly to the prepared substrate using the roller provided.
- The product should be back rolled to produce an even anti-slip finish.

- Ensure an even, uniform application across all surfaces. Touch in any suspect areas where necessary. Remove the masking tape whilst wet and ensure the resin is fully cured before subjecting to disturbance or traffic.

The area can typically be returned to service after approximately 1 hour. Cure times may be extended when temperatures fall below **10°C**.

Technical Assistance

For further information, please contact Tuff Technical Services on 01977 680250. More information can also be found at www.tuffstuff.co.uk

Quality Assurance

All Tuff products are manufactured under certified **ISO 9001** and **ISO 14001** management systems. Whilst every effort is made to ensure consistent product quality, application conditions are beyond our control.