

ANTI-SLIP AND CONCRETE REPAIR SYSTEMS



TPC605	Grip Tech
TL501	152 SFE with Bauxite Crystals
TPC610	Concrete Patch Repair System

APPLICATION OF SAFETY GRIP SYSTEMS

The following ThistleBond section is concerned with the application of a non slip system for wood, metal or GRP surfaces and should be read in conjunction with the Technical Data sheets of the following ThistleBond Products: Fluid Super Metal System and Grip Tech.

COMMON DEFECTS

- A). Slipping by operatives on smooth, sloping, greasy or chemically contaminated surfaces
- B). Identification of approved access surfaces
- C). Provision of safety surfacing around machinery and in hazardous environments.

PREPARATION

All work should be carried out in strict accordance with the relevant ThistleBond Technical Data Sheet. Product selection and application should be based on the type of substrate and the environment. ThistleBond non slip systems can be modified to give varying degrees of slip resistance, in order to accommodate a wide range of needs. In particular partial coverage can be advantageous in heavily contaminated areas.

SURFACE PREPARATION

Wash down all areas with ThistleBond Universal Cleaners in order to remove all dirt, grease and surface contaminants. Prior to application of the selected product, all surfaces to be treated should be thoroughly abraded using one of the following recommended methods:

- a). Metal surfaces should ideally be blasted to *Swedish Standard SA 21/2 ensuring a minimum profile of 75 microns, using an angular abrasive*. On small areas of metal, needle gunning or grinding may be suitable.
- b). Glass Fiber surfaces should be thoroughly abraded using mechanical sanding equipment.
- c). Wooden surfaces are to be prepared by outing grooves 1.5" wide and 0.04" deep, down the centre of each strake.

Remove all preparation debris and thoroughly dry the deck with the aid of a gas torch if necessary. On Completion of all preparation, re wash areas to be treated with ThistleBond Universal Cleaner.

CREATING A NON SLIP SYSTEM

After Preparation is complete, masking tape should be laid firmly onto the surface to give the outline of the pattern desired, this pattern can be varied to suit the location. Stripes should be laid out across the traffic flow rather than in line with it. Chevrons are ideal on sloping surfaces as they allow for additional drainage.

APPLICATION TECHNIQUE

Apply the selected ThistleBond product to the prepared surface, using either a stiff bristled brush or the plastic applicator provided, ensuring the material is pushed well into the prepared surface. Ensure the product has been applied at the correct thickness for a non slip system (see technical data sheets). Immediately after application of the product, sprinkle the chosen aggregate evenly onto the wet surface, ensure that all areas are

thoroughly covered and press down the aggregate into the wet product using a wooden float or similar tool. Remove all masking tape.

TECHNICAL SUMMARY

PRODUCT	ABRASION RESISTANCE	WORKING LIFE (20°)	FULL CURE (20°C)
FLUID SUPER METAL RESURFACING SYSTEM	GOOD	35 MINUTES	5 DAYS
GRIP TECH	EXCELLENT	25 MINUTES	16 HOURS

MAIN SYSTEM SELECTION

Required for High abrasion Resistance- Metallic surface	Fluid Super Metal Resurfacing System with Heavy Duty Aggregate
Medium Abrasion - Metallic Surface	Fluid Super Metal Resurfacing System with Medium Duty Aggregate
Low Wear Resistance - Metallic Surface	Fluid Super Metal Resurfacing System with Low Duty Aggregate
Non Metallic Surfaces	Grip Tech
Safety Colour Required - Yellow/Red	Grip Tech