

## Technical Data Sheet

Date | 06.07.2015  
Release No. | 1

### Product Description

Tredsafe insert is manufactured from a special blend of PVC, silica quartz and polymeric plasticiser giving an homogeneous hard wearing anti-slip flooring for wet and dry conditions. (Meets British Standard for Sheet Vinyl and Vinyl Tiles BS3261:1973).

### Special Properties

Tredsafe insert is resistant to attack from ultraviolet light, oil, grease, petrol, salt, dilute acids and alkalis, common household chemicals and detergents. Organic solvents will soften Tredsafe insert.

### Fields of Application

Suitable for interior or exterior use.

### Technical Data

Description	Values	
<b>Residual Indentation</b>	2.5mm dial gauge	Mean 0.05mm
<b>Dimensional Stability</b> 80°C for 6 hours		0.12%
<b>Moisture Movement</b> 23°C for 24 hours		0.02%
<b>Elastic Property</b> Tensile Strength		2.48mj/m <sup>3</sup>
<b>Heat Ageing</b> 70°C for 15 days	Exudation Colour Change	None None
<b>Wear Resistance</b> <b>Taber Abrader</b>	1kg load H18 wheel @ 60 rpm	1000 revs. 0.6gm weight loss
<b>Slip Resistance</b> A/NZS3661.1:1993	Dry (Tortus) Wet (Pendulum)	0.80 0.44
<b>Slip Resistance</b> A/NZS4586:2013	A. Wet Pendulum B. Dry Tortus C. Wet-Barefoot ramp D. Oil-Wet ramp	SRV 47 mean 0.75 mean 30° mean 21° class P4 class D1 group C class R11
<b>Flammability</b> AS1530.3:1982	Flame Spread Smoke Development	0 7
<b>Reaction to Fire</b> ISO9239.1:2003	Mean Critical Radiant Flux Mean Smoke Development Rate	10.3kw/m <sup>2</sup> 85 percentage minutes
<b>Dimensions</b>  Other sizes available on request.	Insert widths Rolls Thickness Weight/m <sup>2</sup>	13mm, 37mm, 43mm, 53mm 350mm x 25m long 3mm 4.5kg



THE EDGE ON SAFETY

**Insert**

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### Maintenance

Tredsafe insert is produced with a polyurethane coating which reduces dirt retention. The three dimensional pyramid pattern provides excellent wet slip resistance but will require more care than a smooth flooring surface. As with any flooring, regular maintenance is important to prevent excessive soiling. Cleaning is best achieved by scrubbing with a bristle brush in conjunction with warm soapy water. Commercial cleaning machines such as the "Scrub-Vac" are also suitable.

### Installation as Flooring

When Tredsafe insert is used as a flooring it should be installed using an adhesive recommended for the substrate and environment. The adhesive manufacturer's directions and instructions should be followed closely to ensure maximum bond strength. Tredsafe insert is heat weldable and can be seamed with PVC liquid weld. For exterior use, or where water may be present, a 2-pack epoxy or polyurethane should be used, again following manufacturer's instructions.

Information given in this data sheet is based on the current state of knowledge. This does not exempt the purchaser from carrying out his own careful inspections of incoming goods and their suitability for local building codes. We reserve the right to make changes to the product data in the course of technical progress or due to operationally related further development. Owing to factors beyond our control during application, recommendations given in this data sheet require tests and experiments by the customer. Our recommendations do not exempt the customer from the obligation to check any infringements of third-party rights himself and eliminate them if necessary. The suggestions for product use are not equivalent to a warranty of its suitability for the recommended purpose.

Each new release of this data sheet supersedes the previous one.