

# TECHNICAL DATA SHEET | INSERT

## 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> AS/NZS 3661.1:1993	Dry (Tortus) Wet (Pendulum)	0.80 0.44
<b>Slip Resistance AS/</b> <b>NZS 4586:2013</b>	A. Wet Pendulum B. Dry Tortus C. Wet-Barefoot ramp D. Oil-Wet ramp	SRV 47 class P4 mean 0.75 class D1 mean 30° group C mean 21° class R11
<b>Slip Resistance</b> DIN 51130:2010	Inclined Platform Test	R11
<b>Slip Resistance</b> BS 7976.2:2002	Pendulum Test - Dry Pendulum Test - Wet	PTV average 57 PTV average 47
<b>Flammability</b> AS 1530.3:1982	Flame Spread Smoke Development	0 7
<b>Reaction to Fire</b> ISO 9239.1:2003	Mean Critical Radiant Flux Mean Smoke Development Rate	10.3kw/m <sup>2</sup> 85 percentage minutes
<b>Dimensions</b>	Insert widths	13mm, 37mm, 43mm, 53mm
Other sizes available on request.	Rolls Thickness Weight/m <sup>2</sup>	350mm x 25m long 3mm 4.5kg