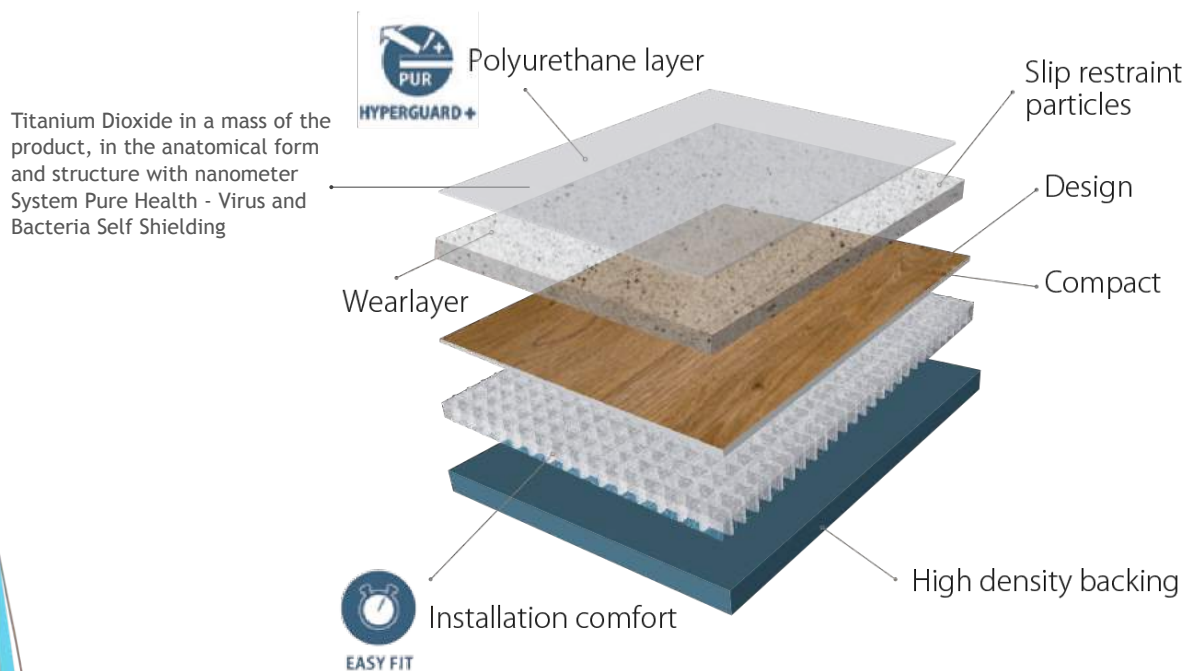


POP FLOOR

POLYMER OXIGENATED PLASTICIZED

ISAFE



Safety flooring provides spaces with a floor that has been designed to provide a high degree of slip resistance, even under wet conditions, and has become increasingly used in spaces looking to minimise the risk of slips in all areas.

Based on heterogeneous PVC flooring and traditionally specified in areas such as wet rooms, changing rooms in public and leisure spaces, commercial kitchens and transitions from wet areas; safety flooring was long considered practical and necessary, but largely unappealing. However, as more and more spaces have woken to the practical benefits of safety flooring, it has become used in any space that needs additional resistance to slips and accidents. Now safety flooring can be found where people shop, where they eat, where they rest, where they play and where they work. Safety flooring is fast becoming the flooring of choice in high traffic locations.

With carefully considered palettes and designs, as well as a host of practical advantages such as ease of maintenance, appearance retention, long life and of course, excellent slip resistance; isafe safety flooring makes sense no matter how demanding the space.

isafe safety flooring has been developed to not only provide a safe floor, but one that is attractive, easy to maintain and durable.

At 2mm thick and with a 0.7mm wear layer, all **isafe safety flooring** is made to meet the demands of modern environments, both heavy commercial (Class 34 - EN 685) and industrial (Class 43 - EN 685) locations, meaning that it can be selected with complete confidence in a huge range of buildings with different usage requirements.

As tiny aggregates are an integral part of the wear layer of the floor, all **isafe** floors, no matter what design, increase friction to provide their slip resistance and this will not wear or degrade over time, it is a permanent feature of the floor. This wear layer also benefits from a Hyperguard+ polyurethane treatment that keeps the floor easy to maintain. **isafe safety flooring** will not propagate bacteria growth and requires only standard maintenance (see installation and care guidelines).

With all the benefits of traditional PVC sheet flooring, including realistic designs and with added slip resistance, **isafe safety flooring** provides a safe, durable and attractive floor covering that benefits all users.

POP FLOOR

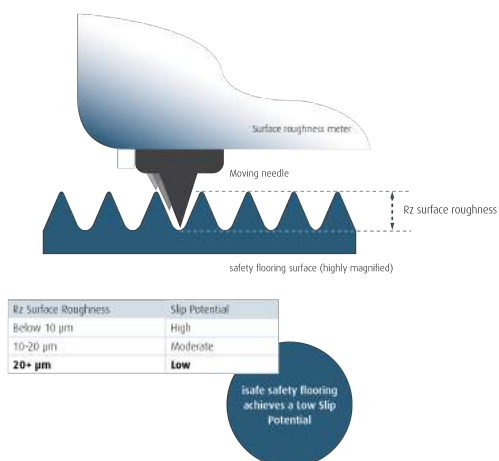
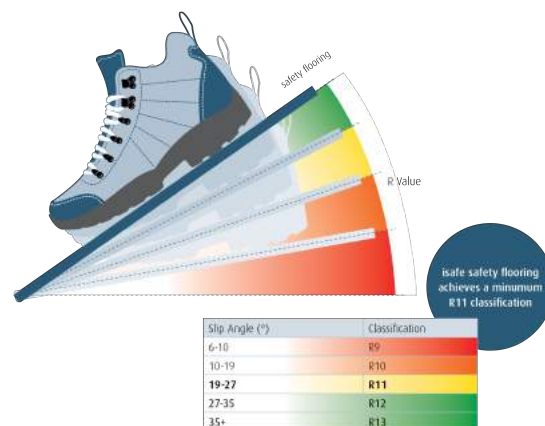
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Ramp Method

[DIN 51130:2010]

Under controlled conditions, a test person wearing control shoes walks forwards and backwards in an upright position over the floor covering being tested, the slope of which is increased from horizontal to the angle at which they begin to slip, called the acceptance angle. To make the results more in keeping with the potential for moisture in a real world environment, a specified lubricant is applied to the floor and the test carried out again, with the average reached serving as the floor's acceptance angle, rated from R9 - R13.



Surface Roughness Measurement

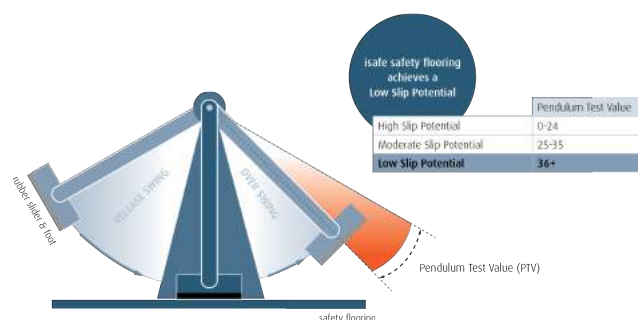
[Rz]

A surface roughness meter travels across the surface of floor covering 10 different areas. Travelling over a 4mm distance, the meter measures the maximum trough to peak height in five 0.8mm sections, with the Rz value the average of these and suggesting the slip potential in wet conditions of the floor.

Pendulum Test

[BS 7979-2:2002]

A pendulum attached to a spring loaded 'foot' that's fitted with a standard rubber slider is allowed to swing so that it connects with a dry or wet test floor over a set distance. The extent to which the pendulum fails to reach its release height on the overswing is used to calculate the slip resistance of the floor. The procedure is carried in three directions - one principle, then at 90° to this and at 45° to this.



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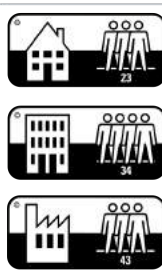

WR 441  Corn silk Beige 508	WR 433  Papaya Beige 532	WR 455  Moccasin Beige 538	WR 418  Red 518
WR 427  Seagreen 524	WR 484  Sky Blue 573	WR 478  Pacific Blue 528	WR 478  Midnight Blue 578
WR 443  Pearl Grey 592	WR 493  Gainsboro Grey 594	WR 448  Dim Grey 597	WR 496  Ink 599
WR 493  Treadplate 592	WR 492  Tile Silver Grey 593	WR 496  Black Tile 599	WR 446  Honey Comb Natural 542
WR 496  Honey Comb Black 599	WR 436  Beech 544	WR 433  Papaya Beige 532	WR 436  American Oak 532
WR 435  Golden Oak 558	WR 442  French Walnut 554	WR 435  Red Oak 544	WR 447  Dark Walnut 548
WR 496  Dark Grey Oak 597	WR 440  Silver Oak 593	WR 448  Light Grey Oak 593	WR 496  Black Bamboo 599
WR 443  Coral Bamboo 584	WR 440  Caramel Bamboo 539	WR 448  Volcanic Grey 596	WR 433  Seashell Beige 533

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technical specifications

Flooring Type	EN 13845	Safety Flooring
Slip Classification	EN 13845 DIN 51130 EN 13893	Class Esf R11 DS 
Abrasion Resistance	EN 13845	< 10% particles lost over 50,000 cycles
RPL Pendulum Test	TRRL	
BS 7976-2 Low potential for slip when assessed using the UKSRG Guidelines		
Surface Roughness		RZ≥20µm Low slip potential
Heterogeneous PVC	EN 649	
Level of use	EN 685	
Total Thickness	EN 428	2.00mm
Wearlayer	EN 429	0.70mm
PUR Wearlayer Treatment		Hyperguard+ 
Total Weight/m²	EN 430	ca. 2.850g

SIZE & PACKAGING		
Width	EN 426	2 - 4m
Standard Length	EN 426	ca. 20m
Weight of Standard Roll		ca. 118 - 236kg

EXCELLENT COLD WELD RESULT	
	Invisiweld technology creates the ability to achieve an almost imperceptible join. Fast, clean and easy to use, Invisiweld is economical and leaves a seamless, strong and watertight join. Invisiweld is the faster and better looking way to install

TEST RESULTS		
Electrical Behaviour	EN 1815 EN 1081	<2kV 10° Ohm
Chemical Resistance	EN423	ca. 20m
Hot Welding		Suitable
Cold Welding	DIN EN649	Suitable
VOC emissions	AgBB	Low VOC

keen  green



CE EN 14041
06