

# Polysafe - safety flooring you can trust!

## Commercial safety floors offering sustainable wet slip resistance must meet:



EN 13845 Abrasion 50,000 cycles test

*Part of the European Safety Flooring Norm where grit is continuously applied to show durability & depth of aggregate in product.*



36 + Pendulum Wet Test

*for the guaranteed life of the floor.*



Does your manufacturer offer a statement that slip resistance is assured throughout guaranteed life of the product and adheres to HSE Guidelines?

Polysafe Corona PUR

Polysafe Astral PUR

Polysafe Modena PUR

Polysafe Arena PUR

Polysafe Wood fx PUR

Polysafe Mosaic PUR

Polysafe Vosue Ultra PUR

Polysafe Standard PUR

Polysafe Strata

Polysafe Ultima

Polysafe Hydro

Polysafe Hydro Evolve

Polysafe Wood fx Acoustix PUR

Expona Control

Ecomax

## Commercial 'safety' floors offering non-sustainable slip resistance claim just the following:

DIN 51130 R10

*ex-factory shod test, cannot be set up & tested on site, no account of wear & maintenance*



DIN 51097 Class B

*ex-factory barefoot test, see above*



EN 13893 DS

*this relates to dry slip resistance only, not in wet conditions where safety flooring is required*



EN 649

*this is not a European Safety Flooring Standard and relates to smooth floors without particles*



Time after time, Polysafe ticks the box for sustainable performance.

E-mail [safetyflooring@polyflor.com](mailto:safetyflooring@polyflor.com) to make an appointment with your local Polyflor Representative now to find out more about our slip resistant products.



## Ramp Test (DIN 51130 & DIN 51097)

**R10**



- Test with shod or barefoot, angle of sample raised until subject slips
- Ex-factory test undertaken in laboratory
- Takes no account of wear or maintenance
- Floors with rough emboss & no aggregate may give transient R10 rating which will wear & reduce slip resistance
- Scale runs from R9 - R13 not from R1 - a common misbelief
- Not to be used in isolation for safety flooring specification
- Cannot be set up on site - so in-situ slip resistance not able to be measured

**POLYFLOR™**  
COVERING THE WORLD

## RRL Pendulum co-efficient of friction Test

**36+**  
RRL Pendulum Test  
(EN 12527 Slip Resistance)



- Floor surface tested with water using swinging imitation heel that sweeps over floor
- Fully portable unit used to give live slip resistance readings over life of floor
- Wear & maintenance taken into account - can be used any time
- Can be used regularly to monitor sustainable slip resistance - true safety floors will have aggregate within vinyl & maintain performance levels
- A result of 36+ identifies the floor as offering low slip potential
- HSE Guidance recommends Pendulum Test as a method to assess slip resistance
- If called to site, HSE Officers will use the Pendulum Test as part of their investigation



**For sustainable wet slip resistance that is guaranteed for years of performance, play your 36+ trump card today and specify Polysafe, the No.1 brand you trust & know adheres to EN 13845 (50,000 cycles)**



Call Polyflor Customer Technical Services for further advice on 0161 767 1912 or email: [tech@polyflor.com](mailto:tech@polyflor.com)



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