

Slip Ratings Explained

Anti Slip floor tiles are given a resistance rating to help grade the non slip level differed by a particular tile. This is known as the "R" value. R13 is the resistance recommended by many professionals for public wet areas such as showers in a changing room. Whereas R9 and R10 values are often used and recommended for domestic Bathroom Tiles or Kitchen Tiles where the risk of slipping is less.

GROUP C BEST USED IN:

Saunas, bathrooms, swimming pools, water centres, Spa's, kitchens etc.
0.64 and more.

(where the floor is always wet)

Low (friction 0.44-0.64)

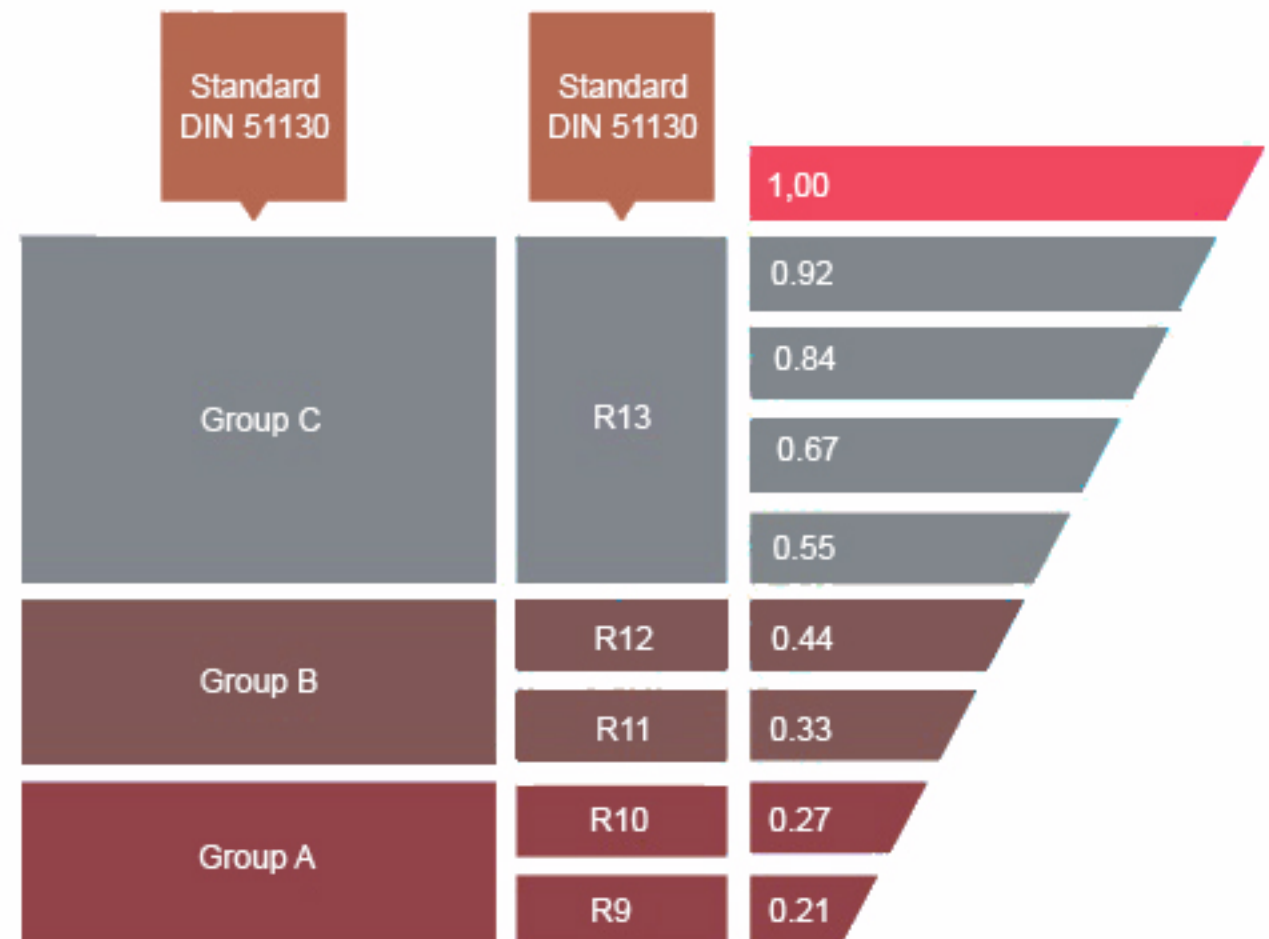
Places like: foyers, lobbies, entry ways etc.
(places where the floor is sometimes wet)

GROUP B BEST USED IN:

Changing rooms, toilets etc.
(where the floor is sometimes wet)

GROUP A BEST USED IN:

Living rooms, halls etc.
(where the floor is never wet)



BARE FOOT APPLICATIONS

These are designated into three classes (A, B, C) in increasing order of the severity of the likely slip hazard (based on the amount of standing water and consequent risk of slipping).

CLASS	MINIMUM ANGLE	TYPICAL APPLICATIONS	TILE FINISH
A	2	Bare foot traffic (mainly dry areas) such as changing rooms, pool areas (water more than 80cm)	Plain
B	18	Bare foot traffic (wet areas) such as shower, pool surrounds, stairways and steps to water (water less than 80cm)	Textured or riven

Anti-Slip information



Ramp Testing

DIN51130 - Shod traffic

DIN51097 - Barefoot

Classification	Angle
R9	$6^{\circ} < 8^{\circ}$
R10	$10^{\circ} < 19^{\circ}$
R11	$19^{\circ} < 27^{\circ}$
R12	$27^{\circ} < 35^{\circ}$
R13	$> 35^{\circ}$

Classification	Angle
A	$12^{\circ} < 17^{\circ}$
B	$18^{\circ} < 23^{\circ}$
C	$> 24^{\circ}$



Pendulum Testing

SRV = Slip Resistance Value

SRV Pendulum Test Result	Slip Potential	Rating
0 - 24	Dangerous or high potential for slipping	Dangerous
25 - 35	Marginal or moderate potential for slipping	Moderate
36 - 65	Safe or low potential for slipping	Safe
66 +	Very safe or extremely low potential for slipping	Very Safe