



# SLIP RESISTANT POWDER COATINGS

syntha pulvin

a brand of The Sherwin-Williams Company

[www.synthapulvin.com](http://www.synthapulvin.com)

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# SLIP RESISTANT POWDER COATINGS FIXED STAY

## MAKING THE SURFACES SAFE

Slip resistant powder coatings have firstly been designed to protect people safety. They also protect substrates (aluminium and steel) from corrosion and offer a nice design to your applications. Fine Texture aspect of Syntha Pulvin slip resistant powder coatings bring many benefits:

- Exterior durability
- Reduce the risk of slipping
- Ease of application - 1 layer
- VOC free

Slip resistant powder coatings are available in Qualicoat Class 1 & 2 technologies. More than 200 RAL shades available on stock. Architectural applications:

- Decking
- Flooring
- Platforms
- Walkways
- Ramps
- Steps



# SLIP RESISTANCE RATING

Slip resistance is determined using the pendulum CoF test (also known as the portable skid resistance tester) according to the requirements of British Standard, BS 7976: Parts 1 - 3, 2002.2

The method is based on a swinging, imitation heel (using a standardised rubber soling sample), which sweeps over a set area of flooring in a controlled manner. The slipperiness of the flooring has a direct and measurable effect on the pendulum test value (PTV) given.

SLIP POTENTIAL	PTV*1	Rz, surface roughness*2
High slip potential	0-24	Below 10 um
Moderate slip potential	25-35	10-20 um
Low slip potential	36 +	20 um + <i>syntha pulvin</i>

\*1 UKSRG guidelines (2011) classify the slip potential based on the PTV values.

\*2 Surface roughness, Rz, can also be used to classify the slip potential of a flooring surface using the UKSRG guidelines detailed in table 2 for water contaminated floor surfaces.



**FIRE RESISTANCE**  
**EN 13501-1+A1:2013**  
**CLASSIFIED AS A2-S1, DO**



**EXTERIOR DURABILITY**  
**QUALICOAT CLASS**  
**1 & 2 PERFORMANCE**



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At Sherwin-Williams, we think about coatings differently, continuously seeking the perfect solution to help your products win over your customers. Whether you need the most rugged and protective coating, a technical expert to provide answers and hands-on support, consistently perfect color at just the right gloss, or a custom solution created just for you — we are here to help. We are Sherwin-Williams General Industrial Coatings, and we are obsessed with giving you the competitive edge.