

Test Slip resistance by the friction pendulum method  
Wet testing. According standard UNE 41901:2017 EX  
Pedestrian surfaces

Test in permanent laboratory

LABORATORIO

**WESSEX**  
RESBALADICIDAD

## Friction pendulum method slip resistance testing for wet conditions on pedestrian traffic surfaces in accordance with standard UNE 41901:2017 EX.



**WESSEX** Nombre comercial /marca registrada.  
Laboratorio de resbaladicidad SL

VAT Intracomunitario / VAT number ES B71132716  
Parque empresarial La Estrella, Calle Berroa 2,  
Oficina 208/209 CP: 31192 Tajonar, Navarra, Spain  
+34 902 570 221

[www.laboratorioderesbaladicidad.com](http://www.laboratorioderesbaladicidad.com)  
[info@laboratorioderesbaladicidad.com](mailto:info@laboratorioderesbaladicidad.com)

Report number	12589-M	2100
Test Sample	Wooden parquet measuring 25.3x25.3x1cm.	
Description provided by client*	700600 Esfera ID Premium Special Matt Varnish (10:1 190203 Hardener) 100g/m2 3 Layer	
Requested by	Valresa Coatings, S.A. CIF A46030169 Av. dels Gremis, s/n, Ribarroja del Turia, CP:46394, Valencia	
Manufacturer	Valresa Smart Coatings	
Supplier	Valresa Smart Coatings	
Reception date	18/03/2021	18/03/2021
Numbers of items	4	30/03/2021

Number pages actual report

1/4

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Sample reference STD-P

Lab01

PTV before

27

PTV later

27

Surface Type

Rugous

**Valor de resistencia al deslizamiento (PTV). Péndulo de fricción.**  
*Value slip resistance value. Pendulum Test Value (PTV)*

	Sample 1		Sample 2		Sample 3		Sample 4		Sample 5		Sample 6		Sample 7		Sample 8	
Position	0º	180º	0º	180º	0º	180º	0º	180º	0º	180º	0º	180º	0º	180º	0º	180º
Individual values average	16	18	17	18	20	17	16	16	Not apply	Not apply	Not apply	Not apply	Not apply	Not apply	Not apply	Not apply
Value (PTV)	17		18		19		16		Not apply		Not apply		Not apply		Not apply	
Average value (PTV)	<b>18</b>															

7

Uncertainty of the test result I(k=2)

The increased measurement uncertainty was calculated by multiplying the measurement uncertainty by the coverage factor k=2, which corresponds to a coverage probability of around 95% for a normal distribution. The standard measurement uncertainty was established following GUM Supplement 1.

Technical Building Code (CTE). Article dated December 20,  
2019 DB SUA 1. Safety measures for fall hazards.

Table 1.1. Categorization of floors based on their slipperiness

Slip Resistance	CLASS
≤ 15	0
15 < Rd ≤ 35	1
35 < Rd ≤ 45	2
> 45	3



Number pages actual report

2/4

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Color and tone are approximated

