

Reference: 2104164-01

Order sheet: 22101905

TEST REPORT n. 221.I.2105.524.EN.01

CONCERNING:

SAMPLE:

SHOWER TRAY

TEST:

DETERMINATION OF THE SLIP RESISTANCE

SAMPLES RECEPTION DATE: 22/04/2021

TESTING STARTING DATE: 27/04/2021

TESTING FINISHING DATE: 28/04/2021

Document digitally signed by legal electronic signature.

THIS REPORT CONSISTS OF 5 CONSECUTIVELY NUMBERED PAGES.

The test samples, the subject of this report, will remain at AIDIMME for a period of three months starting from the report issue date. That period having expired, it will be destroyed. Hence, any claim must be made within this time limit.

1. DESCRIPTION AND IDENTIFICATION OF THE SAMPLE. INSPECTION BEFORE TESTING

The sample is a shower tray, with the following identification according to the client information:

“TAI BLANCO SOLID”

(Sample referenced in AIDIMME as 2104164-01)



Sample AIDIMME 2104164-01

2. ORIGIN OF THE SAMPLE

Sample supplied by the client.

3. TESTS REQUESTED

Determination of the slip resistance.

4. STANDARD TEST METHOD

Test method is carried out according to the procedure described in the standard UNE 41901:2017 EX “Surfaces for pedestrian transit. Determination of the slip resistance by pendulum friction method. Wet test”.

5. DESCRIPTION OF THE TEST METHOD

Slip resistance is determined using a pendulum friction tester, which measures the energy loss of a standard rubber pad (57) attached to the end of the pendulum arm and pressed by a spring, when sliding over the test surface.

The rubber slider and the surface must be moistened with a copious supply of potable water using a sprayer.

When the arm oscillates, the friction force between the rubber pad and the test surface is obtained by measuring the reduction in the circular movement of the pendulum arm. The result is expressed in PTV (Pendulum Test Value), which indicates the position of the pendulum pointer during its advance movement on the circular scale.

The pendulum rubs on the surface with a rubber of hardness IHRD between 53 and 61 (rubber 57)

The hardness of the tool is verified at the time of the test, as well as the result with reference materials.

Hardness (IHRD) = Between 53 and 63
PTV Reference tile = (25 ± 5)

The verification values are in accordance with the UNE 41901: 2017 EX standard.

In accordance with the Basic Safety Document for use and accessibility (SUA) of the Technical Building Code (CTE), considering the modifications in accordance with RD 732/2019, floors are classified according to their slip resistance (R_d), in accordance with the PTV value obtained by testing them in accordance with the UNE 41901:2017 EX standard.

Classification of floor slip resistance	
Less than or equal to 15 slip resistance	Class 0
Slip resistance higher than 15 and less than or equal to 35	Class 1
Slip resistance higher than 35 and less than or equal to 45	Class 2
Slip resistance higher than 45	Class 3

The greater the number of the class, the less the risk of falling by sliding.

This code designates classes depending on their intended use. Classes are given in the following table:

Required class according to their intended use and location	
Location and characteristics of the flooring	Class
Dry indoor areas	
- surfaces with a gradient below 6%	1
- surfaces with a gradient at or above 6% and stairways	2
Wet indoor areas, such as entries to buildings from outdoor areas ⁽¹⁾ , covered terraces, changing rooms, bathrooms, toilets, kitchens, etc.	
- surfaces with a gradient below 6%	2
- surfaces with a gradient at or above 6% and stairways	3
Outdoor areas. Swimming pools ⁽²⁾ . Showers	3

(1) Except for direct access to areas of restricted use

(2) Where users are likely to be barefoot and on the bottom surface of pools in areas where the depth is no greater than 1,50 m

6. TEST RESULTS

SHOWER TRAY “TAI BLANCO SOLID”

AIDIMME 2104164-01

SLIP RESISTANCE (UNE-41901EX: 2017)

Pendulum scale: C

PARAMETER	RESULT			
	1	2	3	4
Sample identification				
Slip resistance value (PTV)	65	65	63	65
Slip resistance value (PTV) of the sample	65			
SLIP CLASSIFICATION (*)	CLASS 3			

(*) By analogy and considering the Technical Building Code - CTE - (applicable to buildings), current since March 28, 2006 and modified in accordance with RD 732/2019, of December 20, 2019”, the samples are classified, according to their slip resistance, in accordance with standard UNE 41901EX: 2017

The results of the tests apply only to the tested samples.

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