Reference: 2407214-01
Order sheet: 22403878

TEST REPORT n. 221.I.2407.876.EN.02

AT THE REQUEST OF:

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CONCERNING:

SAMPLE:	**SHOWER TRAY COVERING**
TEST:	**DETERMINATION OF THE SLIP RESISTANCE**

SAMPLES RECEPTION DATE:	**19/07/2024**
TESTING STARTING DATE:	**24/07/2024**
TESTING FINISHING DATE:	**24/07/2024**

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 one month 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 plate, made with polymeric material, with the following identification according to the client information:

EQUIZONE BATH SHOWER TRAY TEXTURE

(Sample referenced in AIDIMME as 2407214-01)

2. ORIGIN OF THE SAMPLE

Sample supplied by the client.

3. TESTS REQUESTED

Determination of the slip resistance.

4. STANDARD TEST METHOD

The test methods are carried out according to following standards:

- UNE-EN 16165:2022 "*Determination of slip resistance. Methods of evaluation", a*nnex C, pendulum test and Annex AN, conditions for carrying out the slip test in accordance with the CTE (Technical Building Code)

5. DESCRIPTION OF THE TEST METHOD

DETERMINATION OF THE SLIP RESISTANCE

Slip resistance is determined using a pendulum friction tester, which measures the loss of energy of a standard rubber coated slider assembly (slider 57), attached on the end of a pendulum arm, and loaded with a spring, as it slides across the test surface. The slider rubber and the surface to be tested are wetted with a copious supply of potable water with the help of a spray bottle.

On swinging the pendulum arm the frictional force between slider and the test surface is measured by the reduction of the circular movement of the pendulum arm. The result is expressed as PTV (*Pendulum Test Value*), which indicates the position of the pointer of the pendulum arm throughout its forward swing on a circular scale.

In accordance with the Basic Safety Document DB SUA of the Technical Building Code (CTE), the floors are classified according to their slip resistance, tested according to the procedure in wet conditions and with rubber pad 57, according to the following table:

Classification of floors according to their slip resistance

Slip resistance (R_d)	Class
$R_d \leq 15$	0
$15 < R_d \leq 35$	1
$35 < R_d \leq 45$	2
$R_d > 45$	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% - surfaces with a gradient at or above 6% and stairways	 1 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% - surfaces with a gradient at or above 6% and stairways	 2 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

EQUIZONE BATH SHOWER TRAY TEXTURE

AIDIMME 2407214-01

DETERMINATION OF THE SLIP RESISTANCE (UNE-EN 16165, ANNEX C, AN.2)

Pendulum scale : C

Test specimen	1	2	3	4	5
Pendulum Test Value (PTV)	58	51	51	56	51
Resistance to slip (R_d)	**53**				
Slip resistance classification (*)	**CLASS 3**				

(*) By analogy and considering the Technical Building Code – CTE – (applicable to buildings), in force since March 28, 2006, the samples are classified, according to the Basic Document of Safety of Use and Accessibility DB SUA 1, and using the method of the UNE-EN 16165:2022 AN.2 standard

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

Date: 04th September, 2024

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