



DIN 51130

Antideslizamiento

Anti-slip

Antidérapant



REQUESTER: EZARRI MOSAICO. Zubierreka Industrialdea, 58. 20210 LAZKAO (Gipuzkoa).

SAMPLES TO TEST: GLASS MOSAIC 25 x 25 mm. EZARRI –SAFE-STEPS ANTISLIP SYSTEM (2502A) COLLECTION.

TEST REQUESTED: Anti-slip properties, DIN 51130:2014

RECEPTION DATE: 2017/09/05 Samples sent By requester.

TESTS RESULTS

DETERMINATION OF THE ANTI-SLIP PROPERTIES

Tests performed according to DIN 51130. Determination anti-slip properties. Walking method-ramp test.

Obtained results:

Cycle number	1	2	3	4	5	6
Individual value	19,3°	19,2°	19,4°	17,2°	18,9°	17,7°
Mean slope angle	19°					

Limit angle **19°**

CLASSIFICATION: **R10**

Limit angle	CLASSIFICATION
≥ 6° and ≤ 10°	R 9
> 10° and ≤ 19°	R 10
> 19° and ≤ 27°	R 11
> 27° and ≤ 35°	R 12
> 35°	R 13

Pamplona, September 18th 2017

Approved by:
Cristina Sanz Larrea
Laboratory director

Signed:
Miguel Ángel Gutiérrez Fernández
Managing technician

NOTE: It is hereby acknowledged that the results contained in this report refer only and exclusively to the samples tested; their partial reproduction is forbidden without written permission from the Laboratory.

LABORATORIO AUTORIZADO POR EL GOBIERNO DE NAVARRA R.D. 4/02/2010. BOE. 97/2010 y D.F. 67/2010 BON 141/2010



UNE-ENU 12633:2003

Antideslizamiento

Anti-slip

Antidérapant



REQUESTER: EZARRI MOSAICO. Zubierreka Industrialdea, 58. 20210 LAZKAO (Gipuzkoa).
SAMPLES TO TEST: GLASS MOSAIC 25 x 25 mm. EZARRI
SAFE-STEPS ANTISLIP SYSTEM (2502A) COLLECTION.
TEST REQUESTED: Determination of slip resistance (pendulum), UNE-ENV 12633:2003
RECEPTION DATE: 2017/09/05. (Samples by Requester)

TEST RESULTS

DETERMINATION OF SLIP RESISTANCE (PENDULUM)

Tests made according to UNE-ENV 12633. Method of determination of unpolished and polished slip/skip resistance value.

Obtained results:

Specimen number	1		2		3		4		5		6	
Position	0°	180°	0°	90°	0°	180°	0°	180°	0°	180°	0°	180°
Individual mean value	68.7°	65°	69.7°	65°	67°	65°	67°	67°	66.7°	65°	67°	68°
Sample mean value	67°		68°		66°		67°		66°		68°	
USRV MEAN (R_d)*	67°											

*Observations: Classification established on the SU1 document (Safety of fall risks) of the Building Technical Code, approved by R.D. 314/2006, in Table 1.

Table 1: Classification of floors after CTE DB SU1

Slip resistance (R _d)	CLASS
R _d ≤ 15	0
15 < R _d ≤ 35	1
35 < R _d ≤ 45	2
R _d > 45	3

Pamplona, September 18th 2017

Approved by.:

Cristina Sanz Larrea

Signed:

Miguel Ángel Gutiérrez Fernández

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LABORATORIO AUTORIZADO POR EL GOBIERNO DE NAVARRA R.D. 410/2010. BOE. 9/7/2010 y DE. 67/2010 BON 141/2010



DIN 51097

Antideslizamiento

Anti-slip

Antidérapant



REQUESTER: EZARRI MOSAICO. Zubierreka Industrialdea, 58. 20210 LAZKAO (Gipuzkoa).
SAMPLES TO TEST: GLASS MOSAIC 25 x 25 mm. EZARRI
SAFE-STEPS ANTISLIP SYSTEM (2502A) COLLECTION.
TEST REQUESTED: Anti-slip properties, DIN 51097:1992
RECEPTION DATE: 2017/09/05 (Samples sent by Requester)

TEST RESULTS

DETERMINATION OF THE ANTI-SLIP PROPIERTIES

Test performed after DIN 51097. Anti-slip properties. Walking method – ramp test.

Obtained results:

Individual values	>35°	>35°	>35°	>35°	>35°	>35°	>35°	>35°	>35°	>35°
Main slope angle	>35°									

Limit angle 24°

CLASSIFICATION: **GROUP C**

Limit Angle	GROUP
≥ 12° and < 18°	A
≥ 18° and < 24°	B
≥ 24°	C

Pamplona, September 14th, 2017

Approved by:

Signed:

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LABORATORIO AUTORIZADO POR EL GOBIERNO DE NAVARRA R.D. 410/2010. BOE. 9/7/2010 y DE. 67/2010 BON 141/2010