

Models and finishes from ALCALAGRES classified by Anti-slip test results.

Models	Norm UNE-ENV 12633:2003	Norm DIN 51130	Norm ISO/DIS 10545-17:1998 (Tortus METHOD)	
			DRY	WET
Limestone Anti-slip	$R_d > 53$ / Clase 3	R-10	0,77	0,70
Limestone Lappato	$R_d > 27$ / Clase 1	R-9	0,58	0,44
Concept Rustic	$R_d > 52$ / Clase 3	R-12	-	-
Bavaria Lappato	$R_d > 23$ / Clase 1	-	-	-
Bavaria Polished	$R_d > 11$ / Clase 0	-	-	-
Ríos Lappato	$R_d > 19$ / Clase 1	R-9	-	-
Ríos Polished	$R_d > 17$ / Clase 1	-	-	-
Ríos Traffic	$R_d > 52$ / Clase 3	R-12	-	-
Ríos Anti-slip	$R_d > 58$ / Clase 3	-	-	-
Ónix Rustic Lappato	$R_d > 37$ / Clase 2	R-10	-	-
Islas Lappato	$R_d > 20$ / Clase 1	-	0,76	0,55
Islas Polished	$R_d > 15$ / Clase 1	-	0,62	0,35
Playas Lappato	$R_d > 17$ / Clase 1	-	-	-
Playas Polished	$R_d > 16$ / Clase 1	-	-	-
Solum Lappato	$R_d > 20$ / Clase 1	R-9	-	-
Silex Rustic Lappato	$R_d > 39$ / Clase 2	R-10	-	-
Maderas Natural	$R_d > 29$ / Clase 1	R-9	0,64	0,44
Maderas Anti-slip	$R_d > 65$ / Clase 3	R-11	-	-
Textil Lappato	$R_d > 16$ / Clase 1	-	-	-

Excellent




Satisfactory

Marginal

Dangerous

Barefoot test

Models	Norm DIN 51097
Limestone Anti-Slip	Group C / 26,5
Ríos Traffic	Group C / 30,4
Ónix Rustic Lappato	Group C / 24
Concept Rustic	Group C / 31,5
Madera Anti-Slip	Group C / 31,5

	DIN 51097	Bending angle
	GROUP A	$\geq 12^\circ$ y $< 18^\circ$
	GROUP B	$\geq 18^\circ$ y $< 24^\circ$
	GROUP C	$\geq 24^\circ$

Norm UNE-ENV 12633:2003	
R_d	Classification
$R_d \leq 15$	0
$15 < R_d \leq 35$	1
$35 < R_d \leq 45$	2
$R_d > 45$	3

Norm DIN 51130	
R	Bending angle
R 9	$3^\circ - 10^\circ$
R 10	$10^\circ - 19^\circ$
R 11	$19^\circ - 27^\circ$
R 12	$27^\circ - 35^\circ$
R 13	$> 35^\circ$

Norm ISO/DIS 10545-17:1998	
Average value	Paving evaluation
Lower than 0,19	Dangerous
From 0,20 a 0,39	Marginal
From 0,40 a 0,74	Satisfactory
Upper then 0,75	Excellent