

P24600331  
100123817

RODANO ACERO

PORCELANOSA  
PORCELANOSA Grupo

**Model:** RODANO ACERO 44,3X44,3(A)

**Codes:** 100123817 - P24600331

**Water absorption:** Bla - Porcelain tiles ( $E \leq 0.1\%$ )

**Thickness:** 9.8 mm



### DIMENSIONAL FEATURES

UNE-EN ISO 10545-2

Thickness	9.8 MM	
Width	443 MM	
Length	443 MM	
Length and width deviation	Below 0.15%	$\leq 0.5\%$ *
Side straightness deviation	Below 0.15%	$\leq 0.5\%$ *
Squareness deviation	Below 0.15%	$\leq 0.6\%$ *
Surface flatness deviation	Below 0.15%	$\leq 0.5\%$ *

\*ISO-13006:2012 UNE-EN 14411:2012

### MECHANICAL FEATURES

UNE-EN ISO 10545-4-6-7-11

Breaking strength	2409 N	$>1300\text{ N}^*$
Modulus of rupture	52 N/MM2	$\geq 35\text{ N/mm}^2^*$
Abrasion resistance	PEI 4	
Crazing resistance	Resists 3 cycles	

\*ISO-13006:2012 UNE-EN 14411:2012

### HYGIENIC FEATURES

UNE-EN ISO 10545-13-14:1995

Chemical resistance	Class "A" for swimming pools and cleaning products (resists attack). Minimum Class "B" for acids and bases	CLASE B Min. *
Stain resistance	Class 5. Easy cleaning with water	CLASE 3 Min. *

\*ISO-13006:2012 UNE-EN 14411:2012

### SCOPE OF USE

Technical code-1	Use on heavy traffic floors	
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### ANTI-SLIP VALUE

UNE-ENV 12633:2003, DIN-51130 y ASTM C1028

Dynamic coefficient of friction	$>0.42$	
Slip resistance (ramp)	R-10	
Slip resistance group according to the inclination angle	C	
4s	WET-26/DRY-37	

\*ISO-13006:2012 UNE-EN 14411:2012

### PACKING

Boxes	0.9812 M2/CS	
Pallets	64.7618 M2/PAL	
Units	0.1962 M2/ST	

System Certification



Do not use cleaning agents containing hydrofluoric acid.  
It is recommended to fix tiles with a minimum joint of 1.5 mm. Do not fix without joint.  
For big sizes, it is recommended to fix with mortars containing polymeric additives and to use the double glueing technique.  
Mosaic tiles must be grouted.

This document is only commercial and cannot be used as expert opinion, documentary evidence or in any legal or administrative procedure unless authorized by PORCELANOSA S.A.  
A DCOF value of  $> 0.42$  is the new standard for tiles specified for commercial level interior applications expected to be walked upon when wet, in standard A137.1-2012. It replaces the SCOF value of  $> 0.60$  referenced in ADA Guidelines (measurement made as per the ASTM C1028 test method) However, there are many factors that affect the possibility of a slip occurring and then tiles with a DCOF of 0.42 or greater are not necessarily suitable for all projects. The specifier shall determine if tiles are appropriate for specific project conditions, considering by way of example, but not limited to: type of use, traffic, expected contaminants, expected maintenance, expected wear and manufacturer guidelines and recommendations. Tiles with a DCOF inferior to 0.42 shall only be installed when the surface will kept dry when walked upon and proper safety procedures are followed when cleaning the tiles.