

Penny Vanguard

Suitability area product & Composition guide

Wall	Floor	Wet areas	Pools	Materials
Int / Ext	Residential	Yes	Yes	Glass

Technical Characteristics

Test UNE-EN-ISO 10545-3	Test UNE-EN-ISO 101-92=101	Test UNE-EN-ISO 10545-9	Test UNE-EN-ISO 10545-12	Test UNE-EN-ISO 10545-13:1998 Resistance to chemical attack.			
Water Absorption.	Surface hardness. Mohs.	Resistance to thermal shocks.	Frost Resistance.	Domestic Products.	Pool water additives.	Low acid and alkalins.	High acid and alkalins.
None	4	Resistant	Resistant	GA	GA	GLA	GHA
Test UNE-EN-ISO 10545-14	Test UNE-EN-ISO 10545-11=1997	DIN 51094	DCOF		DIN 51130:2004 SLIP	DIN 51097 SLIP	Test UNE-ENV 12633:2003 (CTE)
Resistance to staining.	Cracking.	Colour Stability on exposure to light and UV rays.	Wet Dynamic Coefficient of Friction ANSI A 137.1 Standard.		Resistance wearing shoes.	Resistance in bare feet.	Anti skid coefficient, suitable for outdoor use and swimming pools.
Class 5	Resistant	Resistant					

Packing

Sheet Hoja	5,5 mm - 0.216" Thickness	287x285 mm - 11.29"x11.18"	0,8 kg - 1.76 lb
Box Caja	12 Sheets	0,98 m ² - 10.54 sqft	9,4 kg - 20.72 lb
Pallet Palet	99 Boxes	97,02 m ² - 1044.31 sqft	940,9 kg - 2074.32 lb
Euro Pallet Euro Palet	54 Boxes	52,82 m ² - 568.54 sqft	529,4 kg - 1167.12 lb



- Made in Spain
- 98% Recycled Glass
- Eco Friendly
- Green & Sustainable Products

All ONIX 98% recycled glass mosaics series are made of molten glass. Molten glass characteristics may include irregular edges and small variations in size. These characteristics are inherent to the product and to the standard production. The small size and shape variations can affect the grout joint appearance and enhance the natural aspect of these products.

