

ONIX<sup>®</sup>

Technical Characteristics

Format	Serie	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				Test UNE-EN-ISO 10545-14	Test UNE-EN-ISO 10545-11=1997	DIN 51094	DCOF	DIN 5130:2004	DIN 51097	Test UNE-ENV 12633:2003 (CTE)
		Water Absorption	Surface hardness, Mohs	Resistance to thermal shocks	Frost Resistance	Domes-tic Products	Pool water additives	Low acid and alkalins	High acid and alkalins	Resis-tance to staining	Cracking	Colour Stability on expo-sure to light and UV rays	Wet Dynamic Coefficient of Friction ANSI A 1371 Standard	SLIP Resist-ance wearing shoes	SLIP Resist-ance in bare feet	Anti skid coef-ficient, suitable for outdoor use and swimming pools
Penny	Penny Vanguard Iridis	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penny	Penny Vanguard	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penny	Cotto	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R9	Class A	Class 2
Penny	Penny Upscale Marbles	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R11	Class C	Class 3
Penny	Penny Ecostones	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R11	Class C	Class 3
Penny	Penny Normatech	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R11	Class C	Class 3
Penny	Penny Shabby	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R11	Class C	Class 3
Penny	Penny Stoneglass	None	9	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R9	Class A	Class 2
Penny	Penny Natureglass	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R11	Class C	Class 3
Penny	Penny Shiny	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penny	Penny Opalo	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penny	Penny Terra	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Hex XL	Hex XL Canvas	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Hex XL	Hex XL Cotto	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R9	Class A	Class 2
Hex XL	Hex XL Ecostones	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Hex XL	Hex XL Ecostones Matte. Prod	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Hex XL	Hex XL Hexagon Blends	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Hex XL	Hex XL Natureglass	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R11	Class C	Class 3
Hex XL	Hex XL Normatech	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Hex XL	Hex XL Shabby	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Hex XL	Hex XL Stoneglass	None	9	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R9	Class A	Class 2
Hex XL	Hex XL Terra	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Hex XL	Hex XL Upscale Marbles	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Hex XL	Hex XL Upscale Marbles - Marmara	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Hex	Hex Ecostones	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Hex	Hex Normatech	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Hex	Hex Naturglass	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R11	Class C	Class 3
Hex	Hex Stoneglass	None	9	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R9	Class A	Class 2
Hex	Hex Terra	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Hex	Hex Upscale Marbles	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				

Format	Serie	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				Test UNE-EN-ISO 10545-14	Test UNE-EN-ISO 10545-11=1997	DIN 51094	DCOF	DIN 5130:2004	DIN 51097	Test UNE-ENV 12633:2003 (CTE)
		Water Absorption	Surface hardness, Mohs	Resistance to thermal shocks	Frost Resistance	Domes-tic Products	Pool water additives	Low acid and alkalins	High acid and alkalins	Resis-tance to staining	Cracking	Colour Stability on expo-sure to light and UV rays	Wet Dynamic Coefficient of Friction ANSI A 1371 Standard	SLIP Resist-ance wearing shoes	SLIP Resist-ance in bare feet	Anti skid coef-ficient, suitable for outdoor use and swimming pools
Hex	Hex Vintage Blends	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Hex	Hexagon Blends	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penta	ICON	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penta	ICON Matte	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R11	Class C	Class 3
Penta	Penta Cotto	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R9	Class A	Class 2
Penta	Penta Ecostones	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Penta	Penta Luminiscent Blends	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penta	Penta Normatech	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Penta	Penta Pure	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penta	Penta Pure Matte	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Penta	Penta Shabby	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Penta	Penta Terra	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Penta	Penta Upscale Marbles	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penta	Penta Vanguard	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penta	Penta Vanguard Gold	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penta	Penta Vanguard Iridis	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Penta	Penta Vanguard Stone	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Square	Boreal	None	4	Yes	Yes	Yes		*Nador		Class 5	Yes	Yes				
Square	Colour Blends	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Ecostones	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Iridescent Colour Blends	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Lisa	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Luminiscent Blends	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Natureglass	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Natureglass - Matte Prod.	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R11	Class C	Class 3
Square	Nieve	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Nieve Antislip	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,42	R11	Class C	Class 3
Square	Opalescent	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Opalo	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Pure	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Pure Matte	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Square	Stoneglass	None	9	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Stoneglass Blends	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Vanguard	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Vanguard - Matte Prod.	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3
Square	Vanguard Gold	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Vanguard Iridis	None	4	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes				
Square	Vanguard Stones	None	5	Yes	Yes	Yes	Yes	Yes	Yes	Class 5	Yes	Yes	≥0,60	R11	Class C	Class 3

# Technical Characteristics



[onixmosaico.com](https://www.onixmosaico.com)

## ONIX

ONIX CERÁMICA, S.L.U.

AV. Real de Extremadura 23

12200 Onda (Castellón – SPAIN)

T. +34 964 776 287

F. +34 964 776 284

M. [onix@onixmosaico.com](mailto:onix@onixmosaico.com)

## ONIX USA

ONIX USA, LLC

9450 NW 12 Street

33172 Miami (USA)

P. 305 599 3153

F. 305 513 4634

M. [onix.usa@onixmosaic.com](mailto:onix.usa@onixmosaic.com)



<https://www.instagram.com/onixmosaico/>



<https://www.facebook.com/onixmosaico/>



<https://www.pinterest.es/onixmosaico/>



<https://www.linkedin.com/company/onixmosaico/>



<https://www.youtube.com/c/ONIXMOSAICO>

In the interest of maintaining constant improvements, ONIX reserves the right to delete and amend, either totally or partially, any of the styles, colours, shapes, sizes, references and other technical specifications contained in this catalogue.

Due to the technical process of reproduction, colours printed are approximate, not exact. The photographs included in this catalogue are not contractual. The interpreting of the pictures will be according to designer's judgment. All the information and texts included in the catalogue keep under the reservation of possible errors. The catalogue is only an informative tool.

Para la mejora de nuestros productos, ONIX se reserva el derecho de anular o modificar cualquiera de los modelos, colores, formatos, referencias y especificaciones técnicas contenidas en este catálogo.

Debido a los procesos técnicos de reproducción, los colores son aproximados, no exactos. Las fotografías expuestas en este catálogo no tienen un carácter contractual. La interpretación de las ilustraciones están en función del criterio del creador. Todos los textos e información que aparece en el catálogo quedan bajo la reserva de posibles errores. Este catálogo es una herramienta informativa.

Pour améliorer ses produits, ONIX se réserve le droit d'annuler ou de modifier tout modèle, couleur, format, référence ou spécification technique figurant dans ce catalogue.

En raison des procédés techniques de reproduction, les couleurs sont approchantes et non exactes. Les photographies présentées dans ce catalogue ne sont pas contractuelles. L'interprétation des illustrations sera selon le critère du créateur. Tous les textes et information de ce catalogue restent sous réserve de possible erreurs. Ce catalogue est un outil informatif.