

TECHNICAL CHARACTERISTICS

Format	Series	Test UNE-EN-ISO 10545-3 Water Absorption	Test UNE-EN-ISO-101-92=101 Surface hardness. Mohs	Test UNE-EN-ISO 10545-9 Resistance to thermal shocks	Test UNE-EN-ISO 10545-12 Frost Resistance	Test UNE-EN-ISO 10545-13:1998 Resistance to chemical attack		
						Domestic Products	Poll water additives	
Penta	Penta Ecostones	None	4	Resistant	Resistant	GA	GA	
	Penta Vanguard Pool	None	4	Resistant	Resistant	GA	GA	
	Antislip Penta Ecostones Matte	None	5	Resistant	Resistant	GA	GA	
Square	Colour Blends	None	4	Resistant	Resistant	GA	GA	
	Ecostones	None	4	Resistant	Resistant	GA	GA	
	Iridescent Colour Blends	None	4	Resistant	Resistant	GA	GA	
	Lisa	None	4	Resistant	Resistant	GA	GA	
	Luminiscent	None	4	Resistant	Resistant	GA	GA	
	Nieve	None	4	Resistant	Resistant	GA	GA	
	Opalescent	None	4	Resistant	Resistant	GA	GA	
	Opalo	None	4	Resistant	Resistant	GA	GA	
	Vanguard Pool	None	4	Resistant	Resistant	GA	GA	
	Antislip	Ecostones Matte	None	5	Resistant	Resistant	GA	GA
		Nieve Antislip	None	5	Resistant	Resistant	GA	GA
		Vanguard Pool Antislip	None	5	Resistant	Resistant	GA	GA

Test UNE-EN-ISO 10545-13:1998 Resistance to chemical attack		Test UNE-EN-ISO 10545-14 Resistance to staining	Test UNE-EN-ISO 10545-11=1997 Cracking	DIN 51094 Colour Stability on exposure to light and UV rays	DCOF Wet Dynamic Coefficient of Friction ANSI A 137.1 Standard	DIN 51130:2004 SLIP Resistance wearing shoes	DIN 51097 SLIP Resistance in bare feet	Test UNE-ENV 12633:2003 (CTE) Anti skid coefficient, suitable for outdoor use and swimming pools
Low acid and alkalins	High acid and alkalins							
GLA	GHA	Class 5	Resistant	Resistant				
GLA	GHA	Class 5	Resistant	Resistant				
GLA	GHA	Class 5	Resistant	Resistant	≥ 0,42	R11	Class C	Class 3
GLA	GHA	Class 5	Resistant	Resistant				
GLA	GHA	Class 5	Resistant	Resistant				
GLA	GHA	Class 5	Resistant	Resistant				
GLA	GHA	Class 5	Resistant	Resistant				
GLA	GHA	Class 5	Resistant	Resistant				
GLA	GHA	Class 5	Resistant	Resistant				
GLA	GHA	Class 5	Resistant	Resistant				
GLA	GHA	Class 5	Resistant	Resistant	≥ 0,42	R11	Class C	Class 3
GLA	GHA	Class 5	Resistant	Resistant	≥ 0,42	R11	Class C	Class 3
GLA	GHA	Class 5	Resistant	Resistant	> 0,60	R11	Class C	Class 3

SUITABILITY GUIDE

Format	Series	References	Wall	Floor	Wet areas	Pools	Materials
Penta	Penta Ecostones	All Products	Int / Ext	Residential	Yes	Yes	Glass
	Penta Vanguard Pool	All Products	Int / Ext	No	Yes	Yes	Glass
Square	Colour Blends	All Products	Int / Ext	Residential	Yes	Yes	Glass
	Ecostones	All Products	Int / Ext	Residential	Yes	Yes	Glass
	Iridescent Colour Blends	All Products	Int / Ext	Residential	Yes	Yes	Glass
	Lisa	All Products	Int / Ext	Residential	Yes	Yes	Glass
	Luminiscent	All Products	Int / Ext	Residential	Yes	Yes	Glass
	Nieve	All Products	Int / Ext	Residential	Yes	Yes	Glass
	Nieve Antislip	All Products	Int / Ext	Residential	Yes	Yes	Glass
	Opalescent	All Products	Int / Ext	Residential	Yes	Yes	Glass
	Opalo	All Products	Int / Ext	No	Yes	Yes	Glass
	Vanguard Pool	All Products	Int / Ext	Residential	Yes	Yes	Glass
Vanguard Pool Antislip	All Products	Int / Ext	Residential	Yes	Yes	Glass	
Modular	Deco Patterns	All Products	Int / Ext	Residential	Yes	Yes	Glass
		Oriental Dreams Gold	Int / Ext	No	Yes	Yes	Glass Gold
	Mosaic Finishing Pieces	All Products	Int / Ext	Residential	Yes	Yes	Glass
	Sea Shading Blends	All Products	Int / Ext	Residential	Yes	Yes	Glass