



PIAZZO

PORCELLANATO CERAMICA SOTTILE



[BEAUTIFULLY ITALIAN STONE]

17



[A NATURAL PRODUCT
WITH A FLAWLESS FINISH]



AS UNIQUE AS A HOME

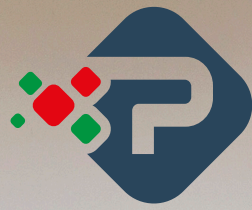
In the modern era, there are fewer places more relaxing than the bathroom. This oasis should become the ultimate place to escape, get away and kick back.

It is true, however, that the bathroom itself also has to undergo the rigours of modern life; handling water, chemicals and cosmetics on a daily basis. As such, any wall or floor covering should not only be beautiful and relaxing, but also tough.

Pizazzo is ultra thin porcelain stoneware designed for multiple uses and application including walls, floors and facades. These slabs manufactured innovatively are not only stunningly beautiful, but also easier to maintain, and a far better design alternative in the 21st Century than tiles. Pizazzo is a natural product with a flawless finish and is available in a range of stunning options designed to turn any home into a tranquil oasis of beauty and opulence.







PIAZZO

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YOU CAN JUST... RELAX.

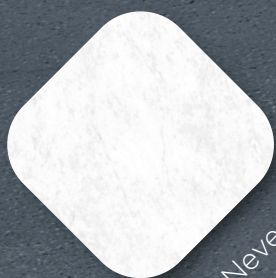
Due to its innovative manufacturing processes, Pizazzo is not only beautiful and incredibly tactile, it is also incredibly resistant to scratches, stains, moisture, wear and impact making ideal not just for relaxing environments, but the toughest as well.

Whilst it can be installed in a matter minutes with the minimum of fuss or room for error, Pizazzo will retain a gloriously opulent showroom finish for years to come.

So, when it comes to specifying the ideal solution for the 21st Century you can simply relax, knowing that Pizazzo has everything covered. Beautifully.



[THE RANGE]



Neve



Moda



Classico



Inverno



Estate



Hotel



Originale



Stellato



Industriale



Città



Carbone



Argento



Truffe



Bella



Grecia



Arte



Caffè



Argilla



Foresta



Minerale

[THE SPECIFICATION]

GENERAL TECHNICAL CHARACTERISTICS					
TECHNICAL CHARACTERISTIC	TEST METHOD		REQUIREMENTS UNDER EN 14411 - G/ISO 13006-G GROUP BIA-UGL	VALUES PIZAZZO 5.5	VALUES PIZAZZO 3.5
Water absorption	ISO 10545-3		≤ 0,5%	≤ 0,1%*	≤ 0,1%*
Bending strength	ISO 10545-4		≥ 35 N/mm ²	≥ 55 N/mm ^{2**}	≥ 120 N/mm ^{2**}
Breaking strength (S)	ISO 10545-4		≥ 700 N	≥ 1200 N**	≥ 1000 N**
Deep abrasion resistance	ISO 10545-6		≤ 175 mm	Compliant	Compliant
Compression strength	-		-	≥ 400 N/mm ²	≥ 400 N/mm ²
Linear thermal expansion	ISO 10545-8		ISO makes no provision for this test	$\alpha \leq 7 \cdot 10^{-6} \text{ } ^\circ\text{C}^{-1}$	$\alpha \leq 7 \cdot 10^{-6} \text{ } ^\circ\text{C}^{-1}$
Thermal shock resistance	ISO 10545-9		ISO makes no provision for this test	Resistant	Resistant
Frost-resistance	ISO 10545-12		No alterations	Resistant	Resistant
Chemical resistance	ISO 10545-13		As indicated by manufacturer	Refer to catalogue	Refer to catalogue
Chemical resistance to household products	ISO 10545-13		UB min.	Refer to catalogue	Refer to catalogue
Stain resistance	Refer to catalogue		Class 3 min.	Refer to catalogue	Refer to catalogue
Size characteristics	Length and width	ISO 10545-2	± 0,6%	± 0,6%	± 0,6%
	Straightness of sides		± 0,5%	± 0,2%	± 0,2%
	Squareness of sides		± 0,6%	± 0,2%	± 0,2%
	Flatness		± 0,5%	± 0,5%	± 0,5%
	Thickness		± 5%	± 5%	± 5%

* Average value referred to ceramic material only

** Average value referred to in the all-in-one piece (slab and fiberglass mesh)

[THE SPECIFICATION]

SLIP RESISTANCE				
SAFETY REQUIREMENTS	TEST METHOD	REFERENCE REQUIREMENT	RATINGS PIAZZO 5.5	RATINGS PIAZZO 3.5
Dynamic coefficient of friction	B.C.Rořtus	$\mu > 0,40$ L. 13/89 - M.D. 236/89 Leg. D. 503/96	Refer to catalogue	Refer to catalogue
Slip resistance	DIN 51130	R classification (slip angle α)	Refer to catalogue	Refer to catalogue
	DIN 51097	A, B, C classification (slip angle α)		

REACTION TO FIRE REQUIREMENTS				
SAFETY REQUIREMENTS	TEST METHOD	REFERENCE REQUIREMENT	RATINGS PIAZZO 5.5	RATINGS PIAZZO 3.5
WALL INSTALLATION				
Reaction to fire	ISO DIS 1182.2	Italian standard M.D. 14/01/85 M.D. 15/03/05	Class 1	Class 1
Reaction to fire	UNI EN 13823:2005	European standard Directive 89/106/CE Decision 2000/147/CE UNI EN 13501-1:2005	Class A2 - s1,d0	Class A2 - s1,d0
FLOOR INSTALLATION				
Reaction to fire	ISO DIS 1182.2	Italian standard M.D. 14/01/85 M.D. 15/03/05	Class 1	Class 1
Reaction to fire	UNI EN 13823:2005	European standard Directive 89/106/CE Decision 2000/147/CE UNI EN 13501-1:2005	Class A2- s1 _{FL}	Class A2- s1 _{FL}

THERMAL CHARACTERISTICS			
SAFETY REQUIREMENTS	TEST METHOD	RATINGS PIAZZO 5.5	RATINGS PIAZZO 3.5
Heat conductivity	UNI EN 12524:2001	$\lambda = 1,3 \text{ W/m}^{\circ}\text{k}$ $\lambda = 1,1 \text{ kcal/mh}^{\circ}\text{C}$	$\lambda = 1,3 \text{ W/m}^{\circ}\text{k}$ $\lambda = 1,1 \text{ kcal/mh}^{\circ}\text{C}$

PHYSICAL-MECHANICAL CHARACTERISTICS			
SAFETY REQUIREMENTS	TEST METHOD	RATINGS PIAZZO 5.5	RATINGS PIAZZO 3.5
Tensile modulus (Young's Modulus)	-	55 - 60 GPa	55 - 60 GPa
Density	-	2300 -2500 kg/m ³	2300 -2500 kg/m ³
Sound absorption coefficient a	UNI EN ISO 11654	0,01 - 0,02	0,01 - 0,02

[THE SPECIFICATION]

TECHNICAL CHARACTERISTICS					
TECHNICAL CHARACTERISTIC	TEST METHOD		ANSI 137.1 REQUIRED VALUE FOR UNGLAZED PORCELAIN TILES P1 CLASS	VALUES PIZAZZO 5.5	VALUES PIZAZZO 3.5
Water absorption	ASTM C373		≤ 0.5%	Compliant (*)	Compliant (*)
Breaking strength (S)	ASTM C648		≥ 250 lbf	Compliant (**)	Compliant (**)
Deep abrasion resistance	ASTM C1243		≤ 175 mm ³	Compliant	Compliant
Compression strength	-		ANSI makes no provision for this test	≥ 56000 PSI	≥ 56000 PSI
Linear thermal expansion	ASTM C372		Not required	$\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$	$\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$
Thermal shock resistance	ASTM C484		Not alteration	Resistant	Resistant
Frost-resistance	ASTM C1026		Not required	Resistant	Resistant
Chemical resistance	ASTM C650		Not required	Resistant	Resistant
Bond strength			≥ 50 PSI	Compliant	Compliant
Stain resistance	ASTM C1378		Not required	Resistant	Resistant
Dimensions	Warpage edge	ASTM C485	± 0.40% or max ± 0.05" for tiles up to 24"x24" or max ± 0.07" for tiles larger to 24"x24"	Compliant	Compliant
	Warpage diagonal	ASTM C485	± 0.40% or max ± 0.07"	Compliant	Compliant
	Nominal sizes	ASTM C499	- 3.0% / + 2.0% of nominal dimensions	± 0.5%	± 0.5%
	Caliber range	ASTM C499	± 0.25% or max ± 0.03"	Compliant	Compliant
	Thickness	ASTM C499	≤ 0.040"	≤ 0.030"	≤ 0.030"
	Wedging	ASTM C502	± 0.25% or max ± 0.03"	Compliant	Compliant

* Average value referred to ceramic material only

** Average value referred to in the all-in-one piece (slab and fiberglass mesh)

[THE SPECIFICATION]

SLIP RESISTANCE				
SAFETY REQUIREMENTS	TEST METHOD	REFERENCE REQUIREMENT	RATINGS PIAZZO 5.5	RATINGS PIAZZO 3.5
Static coefficient of friction (SCOF)	ASTM C 1028	SCOF < 0.50 questionable 0.50 ≤ SCOF < 0.60 conditionally slip resistant SCOF ≥ 0.60 slip resistant	Refer to catalogue	Refer to catalogue
Dynamic coefficient of friction (DCOF)	ANSI 137.1:2012 (BOT 3000)	DCOF ≥ 0.42 (wet internal spaces)	Refer to catalogue	Refer to catalogue

THERMAL CHARACTERISTICS			
SAFETY REQUIREMENTS	TEST METHOD	RATINGS PIAZZO 5.5	RATINGS PIAZZO 3.5
Thermal conductivity	UNI EN 12524:2001	$\lambda = 0.7 \text{ Btu/ft h}^\circ\text{F}$	$\lambda = 0.7 \text{ Btu/ft h}^\circ\text{F}$







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If you have any questions, or you would
like to know more about Pizazzo,
simply give us a call on:

1300 007 637