appiani

APPIANI
Colore

COLORE

Freedom of expression

Appiani speaks the universal language of colours. The rainbow that puts to disposal of the imagination is infinite.

All colours can be combined with ant finish, naturally and with total freedom of expression. To imagine a world of colour, the scenario gets dressed in relationships, agreements, hybrids, contrasts and harmonies.

Sometimes, words are not enough.

We need colours. And shapes.

APPIANI

Italian excellence
since 1873

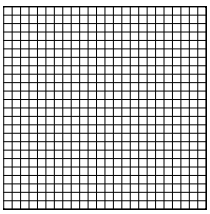
Appiani, Italian historical brand, reveals the profound expressiveness of the ceramic material, a tool for aesthetic narration, in an open, continuous, always renewed process.

Founded in Treviso in 1873, Appiani has always been synonymous with ceramics for architecture with advanced technical and aesthetic qualities.

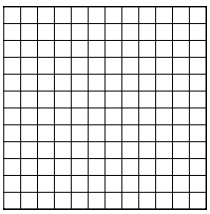
Colore

SETA

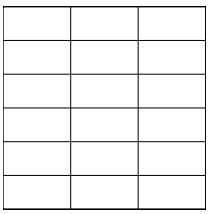
R9 - B
1.2x1.2cm



R9 - A
2.5x2.5cm



R9 - A
5x10cm



SETA

Colours

Matt finish glazes create unusual games of shadows, lights and surfaces.

The Seta signle press-firing collection is suitable for all tiling uses in residential, commercial and wellbeing settings. These products are recommended for floor tiling only in residential bathrooms and other light traffic areas.

SET 01
Ghiaccio

PEI 5

a. SET 4001
b. SET 7001
c. SET 2001

SET 20
Cemento

PEI 3

a. SET 4020
b. SET 7020
c. SET 2020

SET 21
Avorio

PEI 3

a. SET 4021
b. SET 7021
c. SET 2021

SET 02
Nuvola

PEI 3

a. SET 4002
b. SET 7002
c. SET 2002

SET 22
Corda

PEI 3

a. SET 4022
b. SET 7022
c. SET 2022

SET 23
Bruno

PEI 2

a. SET 4023
b. SET 7023
c. SET 2023

SET 03
Fumo

PEI 2

a. SET 4003
b. SET 7003
c. SET 2003

SET 04
Carbone

PEI 2

a. SET 4004
b. SET 7004
c. SET 2004

SET 09
Mirto

PEI 2

a. SET 4009
b. SET 7009
c. SET 2009

SET 10
Oliva

PEI 2

a. SET 4010
b. SET 7010
c. SET 2010

SET 08
Oceano

PEI 2

a. SET 4008
b. SET 7008
c. SET 2008

SET 26
Cartazucchero

PEI 2

a. SET 4026
b. SET 7026
c. SET 2026

SET 25
Cielo

PEI 3

a. SET 4025
b. SET 7025
c. SET 2025

SET 24
Menta

PEI 2

a. SET 4024
b. SET 7024
c. SET 2024

SET 05
Cacao

PEI 2

a. SET 4005
b. SET 7005
c. SET 2005

SET 06
Melanzana

PEI 2

a. SET 4006
b. SET 7006
c. SET 2006

SET 07
Prugna

PEI 2

a. SET 4007
b. SET 7007
c. SET 2007

SET 27
Marsala

PEI 2

a. SET 4027
b. SET 7027
c. SET 2027

SET 11
Primavera

PEI 2

a. SET 4011
b. SET 7011
c. SET 2011

SET 12
Giallarancio

PEI 3

a. SET 4012
b. SET 7012
c. SET 2012

SET 13
Aragosta

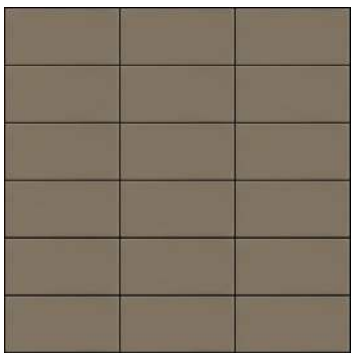
PEI 2

a. SET 4013
b. SET 7013
c. SET 2013

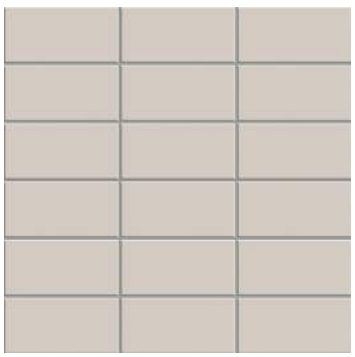
SET 14
Fuoco

PEI 2

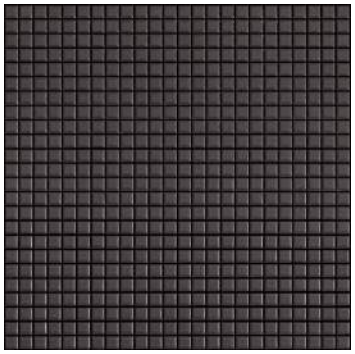
a. SET 4014
b. SET 7014
c. SET 2014



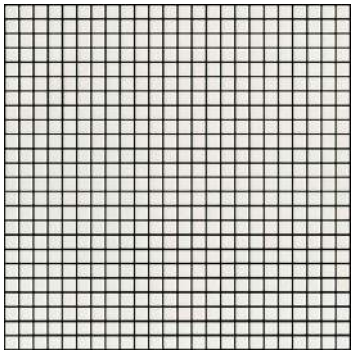
Bruno
5x10cm



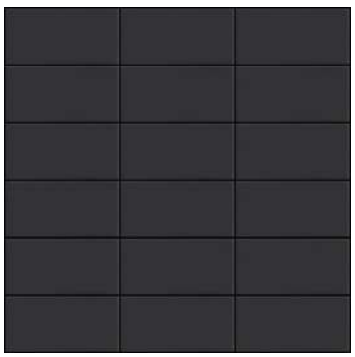
Nuvola
5x20cm



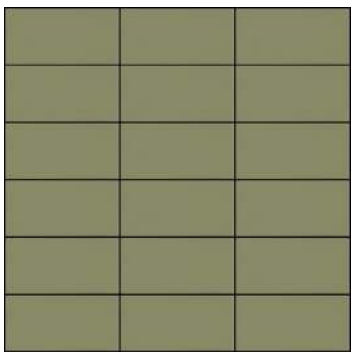
Cacao
2.5x2.5cm



Ghiaccio
2.5x2.5cm



Carbone
5x10cm



Oliva
5x20cm

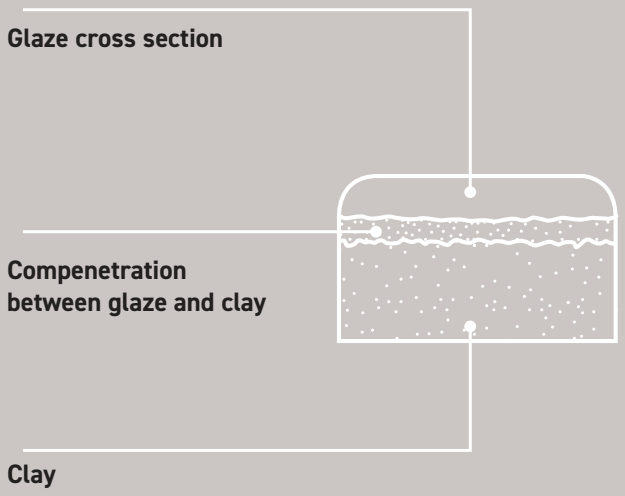
Technical Information

CERAMIC MOSAIC

The Appiani mosaic tesserae are supplied mesh mounted with a 1.6mm joint on fibreglass mesh sheets sized 30x30cm. Size 1.2x1.2cm is supplied mesh mounted with a 1.1mm joint.

The tesserae are 7.2mm thick. The flatness of Appiani ceramic mosaic tiles and the slight rounding of the edges make the product smooth and pleasant to the touch, also facilitating the hygiene maintenance.

The Appiani mosaic has unique features that set it apart from glass mosaics and make it one of a kind. Perpendiculars sides, flat masonry and a slight rounded glaze surface allow for perfect adhesion of the tiles during installation. Absolutely perfect in terms of aesthetics and shape, the mosaics result in projects and decorations that preserve their beauty and resistance over time.



Certificates available on request.

COMPARISON

Ceramic mosaics Appiani

Grip

Joint filling - Sides and thickness

Warpage - Trasparency
Cleaning and hygiene

Vitreous glass mosaics

Grip

Joint filling - Sides and thickness

Warpage - Trasparency
Cleaning and hygiene

Grip

Maximum contact surface for gluing - Glue can be spread all over the tile - Glue adheres completely, forming a single body with the stoneware surface - Will not come away over time.

Joint filling

Fills the whole joint and glue adheres perfectly, because the spaces are even and wide enough - Filler is compact, guaranteeing the hold of the tesserae in water and ensuring they do not come away.

Sides and thickness

Perpendicular sides and slightly rounded glazed surface - Maximum mechanical hold thanks to the “spike” effect of the filler - Excellent resistance to lateral thrust.

Warpage

Even surface - Pleasant to the touch

Transparency

Totally opaque glaze - Colour remains stable over time

Cleaning and hygiene

Even surface - Glaze does not retain dirt - Total hygiene - Easy to clean.

	NORMA *NORM*				
	DIN51130	**DIN51097**			
			1,2x1,2 cm 1/2" x 1/2"	**2,5x2,5 cm 1" x 1"**	**5x10 cm 2" x 4"**
SET01	R9	A		SET7001	SET2001
	R9	A+B	SET4001		
SET02	R9	A		SET7002	SET2002
	R9	A+B	SET4002		
SET03	R9	A		SET7003	SET2003
	R9	A+B	SET4003		
SET04	R9	A		SET7004	SET2004
	R9	A+B	SET4004		
SET05	R9	A		SET7005	SET2005
	R9	A+B	SET4005		
SET06	R9	A		SET7006	SET2006
	R9	A+B	SET4006		
SET07	R9	A		SET7007	SET2007
	R9	A+B	SET4007		
SET08	R9	A		SET7008	SET2008
	R9	A+B	SET4008		
SET09	R9	A		SET7009	SET2009
	R9	A+B	SET4009		
SET10	R9	A		SET7010	SET2010
	R9	A+B	SET4010		
SET11	R9	A		SET7011	SET2011
	R9	A+B	SET4011		
SET12	R9	A		SET7012	SET2012
	R9	A+B	SET4012		
SET13	R9	A		SET7013	SET2013
	R9	A+B	SET4013		
SET14	R9	A		SET7014	SET2014
	R9	A+B	SET4014		
SET20	R9	A		SET7020	SET2020
	R9	A+B	SET4020		
SET21	R9	A		SET7021	SET2021
	R9	A+B	SET4021		
SET22	R9	A		SET7022	SET2022
	R9	A+B	SET4022		
SET23	R9	A		SET7023	SET2023
	R9	A+B	SET4023		
SET24	R9	A		SET7024	SET2024
	R9	A+B	SET4024		
SET25	R9	A		SET7025	SET2025
	R9	A+B	SET4025		
SET26	R9	A		SET7026	SET2026
	R9	A+B	SET4026		
SET27	R9	A		SET7027	SET2027
	R9	A+B	SET4027		

ISO: SETA

Single press-firing

Surface dimensions and qualities		Standard	Tolerances	Results
Format nominal	Actual size			
Net mounted 300x300mm	Sides: 298.4x298.4mm	ISO 10545-2	±0.5%	±0.2%
	Thickness: 7.2mm		±5%	±4%
Surface qualities		ISO 10545-2	< 95%	< 95%
Straightness qualities		ISO 10545-2	±0.5%	±0.4%
Squareness		ISO 10545-2	±0.6%	±0.4%
Flatness		ISO 10545-2	±0.5%	±0.4%

Physical properties	Standard	Requisities	Results
Water mass absorbed in %	ISO 10545-3	0.5% < E ⩽ 3% Appendice H	⩽ 1%
Breaking strength in N	ISO 10545-4	700 min. Appendice H	> 1800
Bending strength in N/mm2	ISO 10545-4	30 min. Appendice H	> 50 N/mm²
Impact resistance	ISO 10545-5	Testing method available	> 0.6 (Appendice P)
Abrasion resistance	ISO 10545-7	Indicated by producer	See colour notes
Coefficient of linear thermal expansion	ISO 10545-8	Testing method available	< 7·10-6/°C
Thermal shock resistance	ISO 10545-9	Testing method available	Garanted
Moisture expansion	ISO 10545-10	Testing method available	< 0.04%
Crazing resistance	ISO 10545-11	Required	Garanted
Frost resistance	ISO 10545-12	Required	Garanted

Certificates available on request.

SKID RESISTANT

Chemical properties	Standard	Requisities	Results
Resistance to chemical products for housekeeping and to the additives used in swimming-pools	ISO 10545-13	GB min.	GB min.
Resistance to diluted acid and alkali solutions	ISO 10545-13	Indicated by producer	GLB min.
Resistance to highly concentrated acid and alkali solutions	ISO 10545-13	Testing method available	On request
Stain resistance	ISO 10545-14	Classe 3 min.	3 min. (Appendice P)
Lead and cadmium released	ISO 10545-15	Testing method available	On request
Resistance of colours to sunlight	DIN 51094	Not envisaged	Garanted
Fire resistance	-	Decisione 96/603/CE	Classe A1

Physical properties	Standard	Requisities	Classification group
Coefficient of friction	DIN 51130	6°÷10° 10°÷19° 19°÷ 27° 27°÷ 35° > 35°	R9 R10 R11 R12 R13
Coefficient of friction	DIN 51097	> 12° ⩾ 12° ⩾ 18° ⩾ 24°	0 A B C

12x12mm	Test method	Requisities	Results Appiani
Dinamic coefficent of friction (DCOF)	ANSI A137.1	> 0.42	0.6

12x12mm	Test method	Requisities	Results Appiani
Dinamic coefficent of friction (DCOF)	ANSI A137.1	> 0.42	0.52

Certificates available on request.

ASTM: SETA

Single press-firing

Physcial properties	Standard	Requisities	Results Appiani
Water mass absorbed in %	ASTM C373	0.5% < wa ⩽ 3%	< 3% class P2
Breaking strength in lbf	ASTM C648	⩾ 250 lbf	⩾ 250 lbf
Thermal shock resistance	ASTM C484	Testing method available	Garanted
Crazing resistance	ASTM C424	Required	Garanted
Frost resistance	ASTM C1026	Required	Garanted

Certificates available on request.

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Technical Sheet

Appiani is a registered trademark of
GRUPPO BARDELLI

The colour shades of the photographed products are only for reference.

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Ceramics of Italy

ALTAECO Gruppo Industriale è Socio Ordinario di Ceramics of Italy

I prodotti ALTAECO Gruppo Industriale hanno certificazione

GREENGUARD

I prodotti ALTAECO Gruppo Industriale hanno certificazione