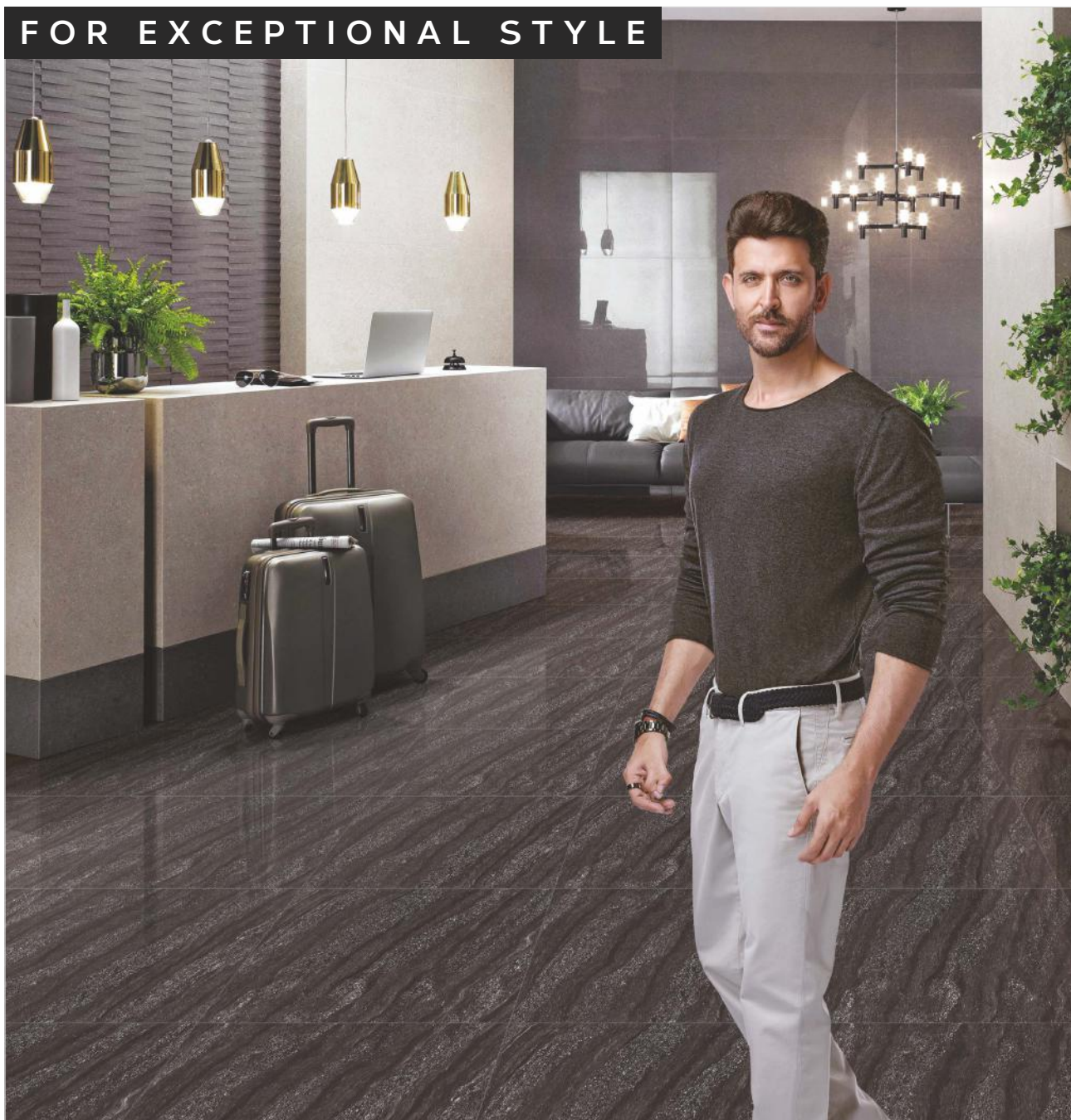


DOUBLE CHARGE & SOLUBLE SALT

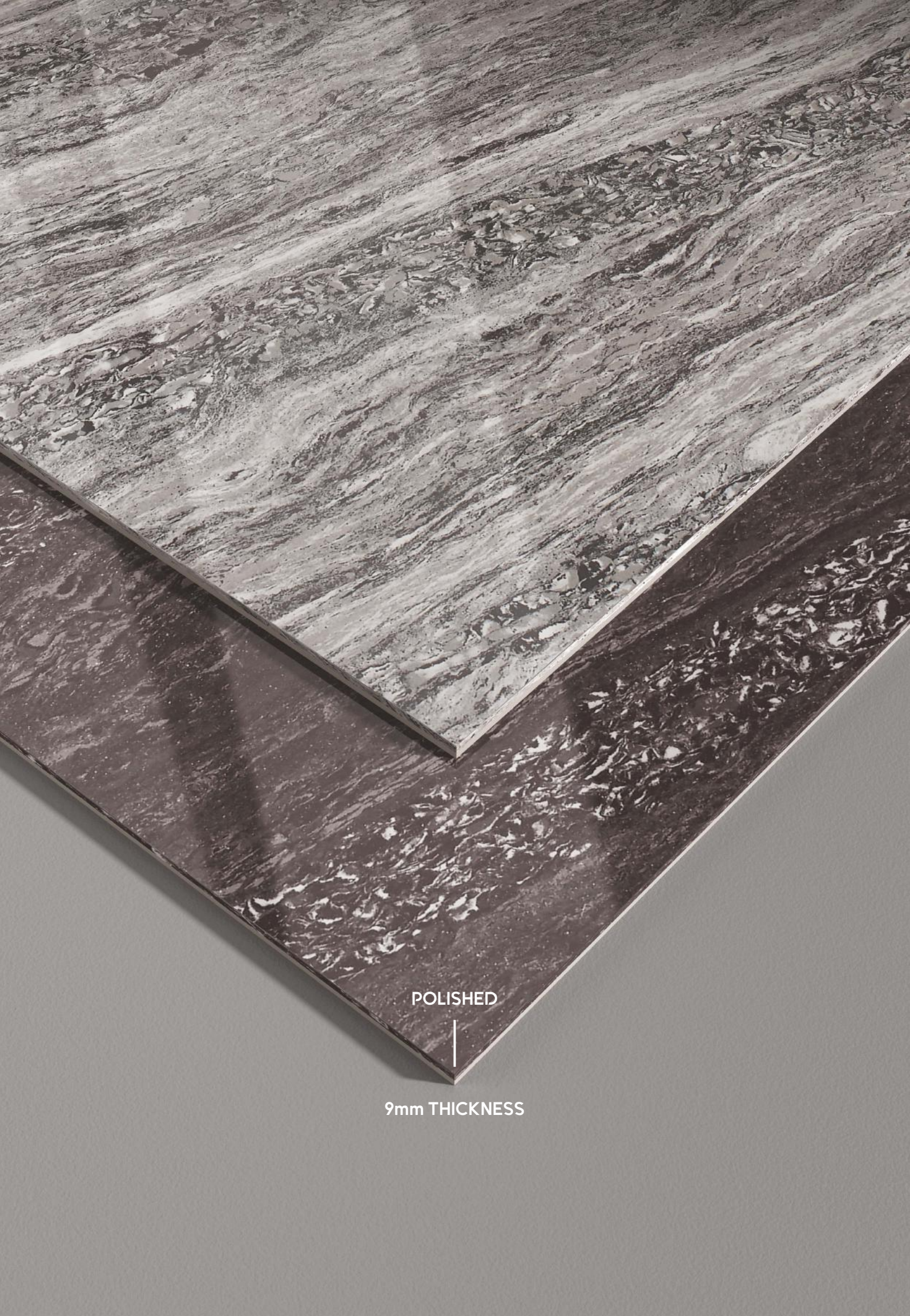
EXCEPTIONAL STRENGTH

FOR EXCEPTIONAL STYLE



MADE IN INDIA
SINCE 1977


Simpolo[®]
ceramics



POLISHED

9mm THICKNESS

DOUBLE CHARGE

COLLECTION

ELEVATE STYLE WITH NATURAL GRACE

Enhancing the character and charm of the room is what these high gloss finish and sturdy tiles do. Molten high gloss finish and shimmering classy looks are the result of the use of nano technology. Double layers of pigment have resulted into long-wearing tiles which are suitable for both heavy traffic and vast commercial projects.



NANO
TECHNOLOGY



SUITABLE FOR
INDOOR
AREAS



SUITABLE FOR
LIGHT TRAFFIC
AREAS



FROST
RESISTANCE



Wall - PERLATO GREY
Size - 80x150cm

Floor - PERLATO BIANCO
Size - 80x150cm



PERLATO BROWN



PERLATO CREMA



PERLATO BIANCO

DOUBLE CHARGE
VITRIFIED TILES

PERLATO



80x150cm



80x80cm

Surface - Polished



Floor - PERLATO WHITE

Size - 80x150cm



PERLATO GREY



PERLATO WHITE

DOUBLE CHARGE
VITRIFIED TILES

PERLATO



80x150cm



80x80cm

Surface - Polished



Floor - PERLATO BROWN

Size - 80x80cm



PERLATO GREY



PERLATO WHITE



PERLATO BROWN



PERLATO BIANCO



PERLATO CREMA

DOUBLE CHARGE
VITRIFIED TILES

PERLATO



80x150cm



80x80cm

Surface - Polished

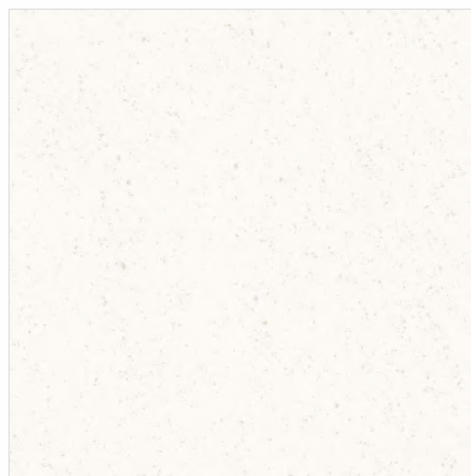


Floor - MOZZAICO STAR WHITE

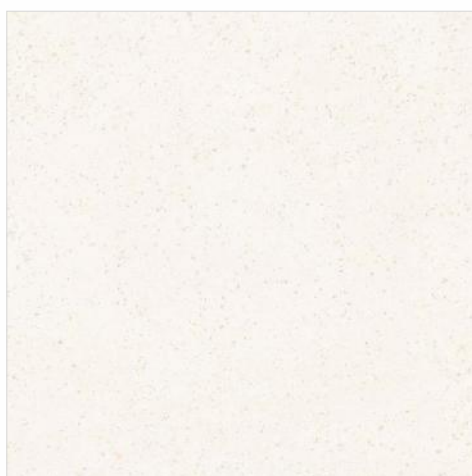
Size - 80x80cm



MOZZAICO BROWN



MOZZAICO STAR WHITE



MOZZAICO BIANCO

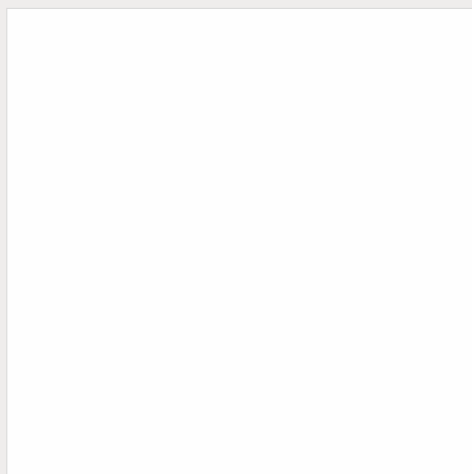
DOUBLE CHARGE
VITRIFIED TILES

MOZZAICO



80x80cm

Surface - Polished



ALASKA WHITE

DOUBLE CHARGE
VITRIFIED TILES

ALASKA



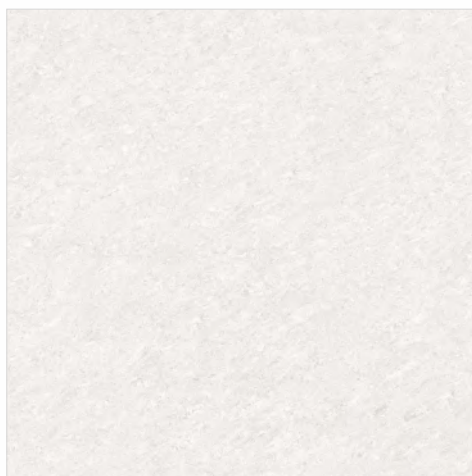
80x80cm

Surface - Polished

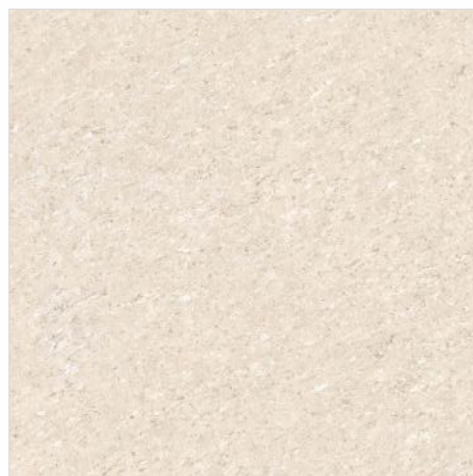


Floor - PROZZO WHITE

Size - 80x80cm



MATRIX WHITE



MATRIX BEIGE

DOUBLE CHARGE
VITRIFIED TILES

MATRIX

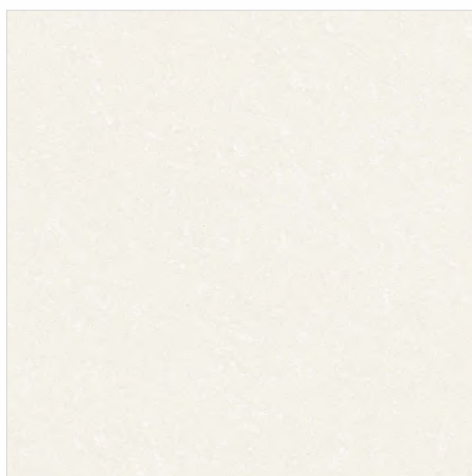


80x80cm

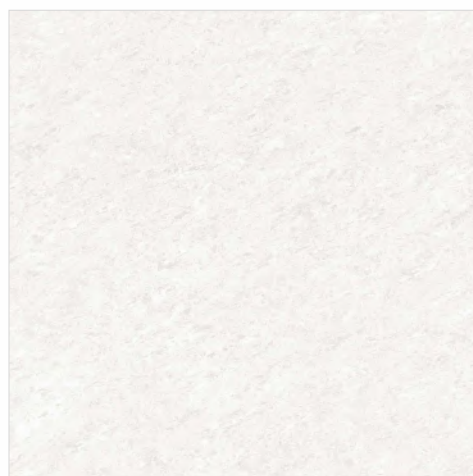


60x60cm

Surface - Polished



PROZZO WHITE



N. TROPICANA WHITE

PROZZO



80x80cm



60x60cm

Surface - Polished



80x80cm



60x60cm

Surface - Polished

N. TROPICANA



Floor - MATRIX COFFEE

Size - 60x60cm



MATRIX BEIGE



MATRIX WHITE



MATRIX COFFEE

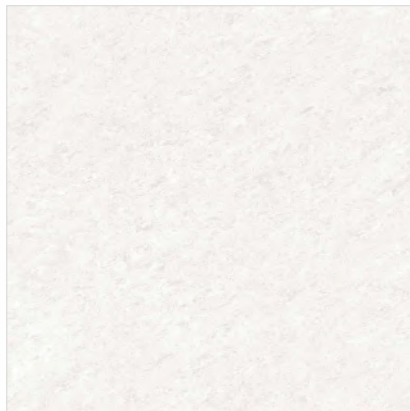
DOUBLE CHARGE
VITRIFIED TILES

MATRIX



60x60cm

Surface - Polished



N. TROPICANA WHITE

DOUBLE CHARGE
VITRIFIED TILES

N. TROPICANA



80x80cm



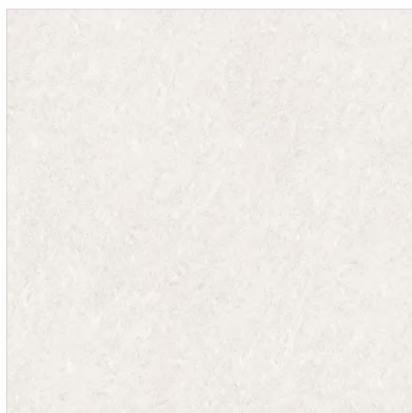
60x60cm

Surface - Polished

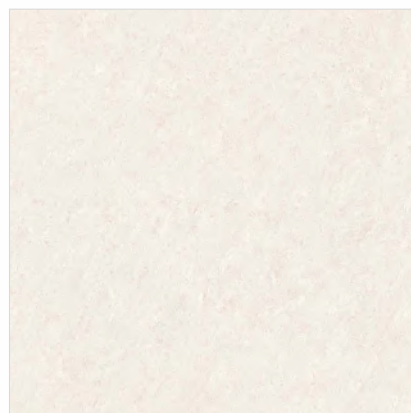


Floor - MIRACLE BLUE

Size - 60x60cm



MIRACLE WHITE



MIRACLE ROSE



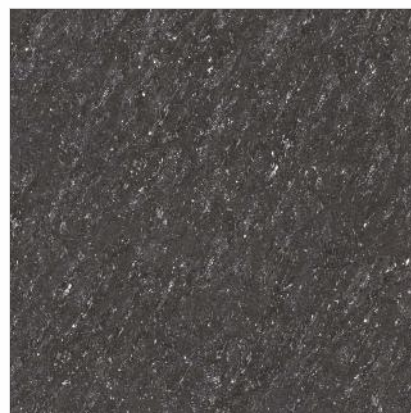
MIRACLE CREAM



MIRACLE RED



MIRACLE BLUE



MIRACLE BLACK

DOUBLE CHARGE
VITRIFIED TILES

MIRACLE



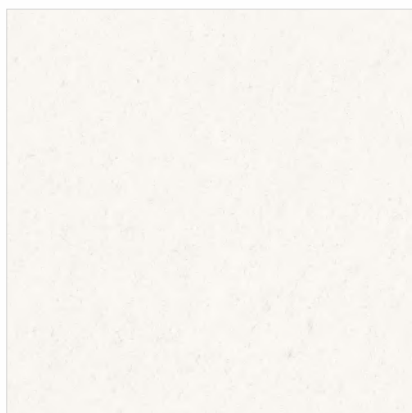
60x60cm

Surface - Polished



Floor - PROZZO DOVE

Size - 60x60cm



PROZZO WHITE



PROZZO CREMA



PROZZO ITALIAN



PROZZO BISCUIT



PROZZO DOVE

DOUBLE CHARGE
VITRIFIED TILES

PROZZO



60x60cm



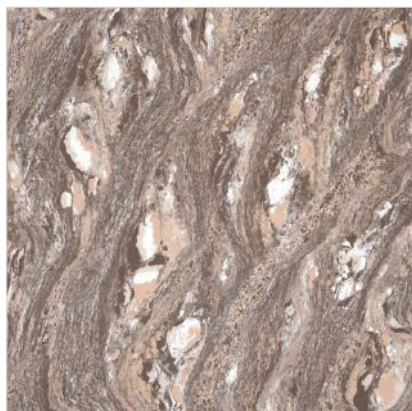
80x80cm

Surface - Polished

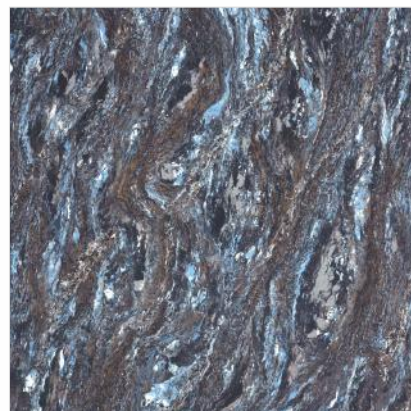


Floor - BELLERIO WHITE

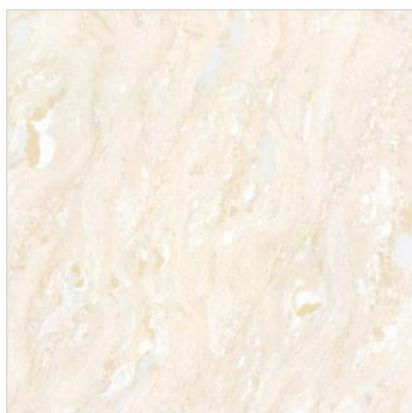
Size - 60x60cm



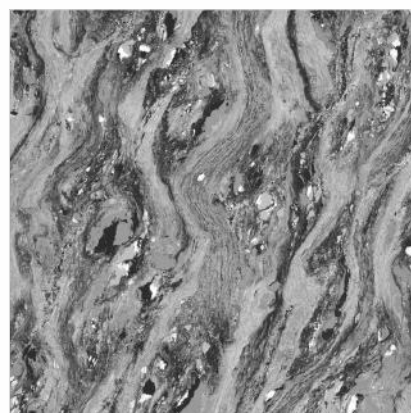
BELLERIO CANVAS



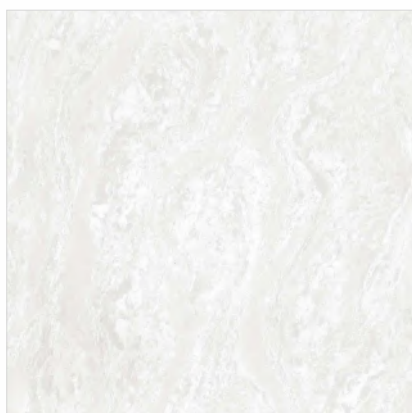
BELLERIO SKY BLACK



BELLERIO CREMA



BELLERIO GREY



BELLERIO WHITE



BELLERIO ARMANI

DOUBLE CHARGE VITRIFIED TILES



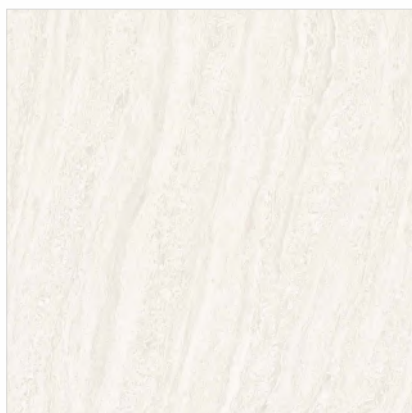
60x60cm

Surface - Polished



Floor - TRAVENTINO BLACK

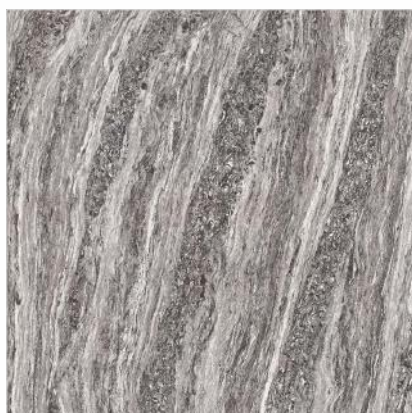
Size - 60x60cm



TRAVENTINO WHITE



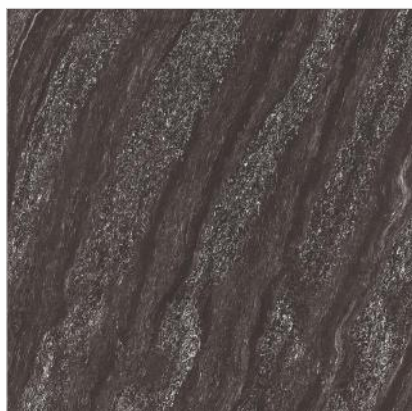
TRAVENTINO CREMA



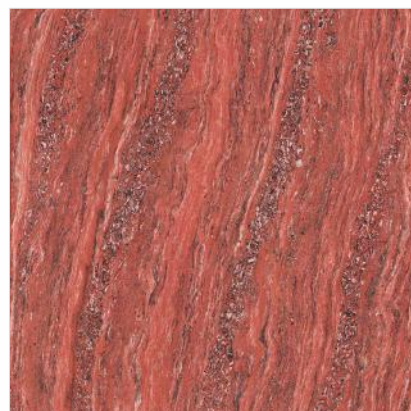
TRAVENTINO GREY



TRAVENTINO CORN



TRAVENTINO BLACK



TRAVENTINO RED

DOUBLE CHARGE
VITRIFIED TILES

TRAVENTINO



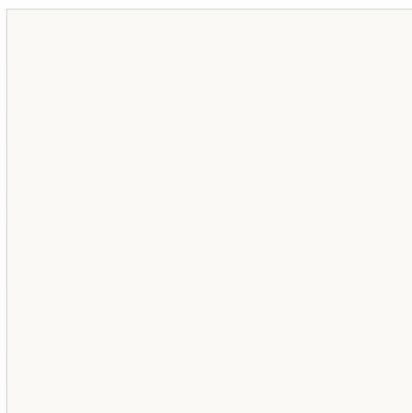
60x60cm

Surface - Polished

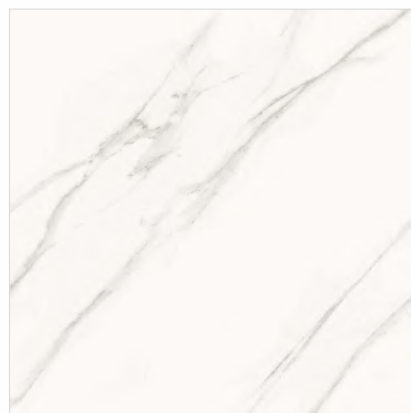


Floor - CLASSICO CREMA

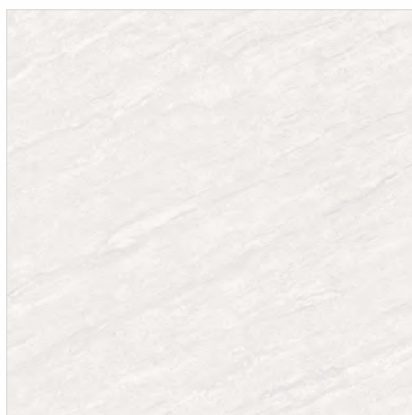
Size - 60x60cm



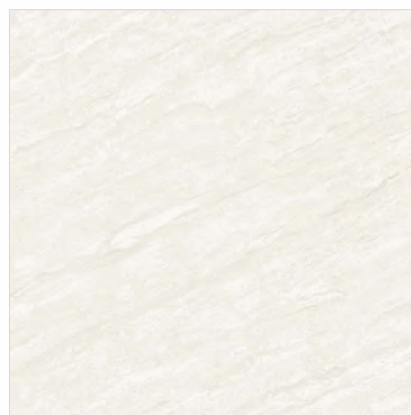
SNOW WHITE



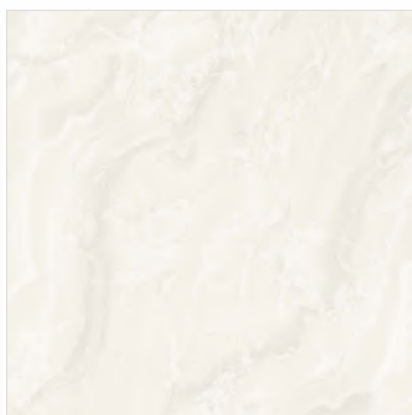
LORENO



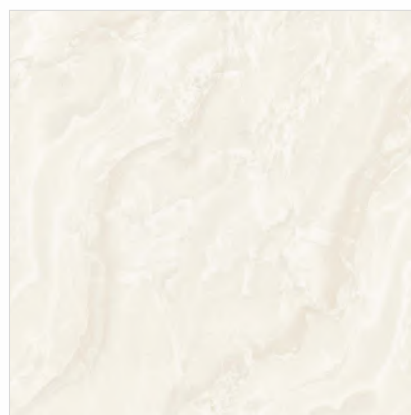
PELICAN WHITE



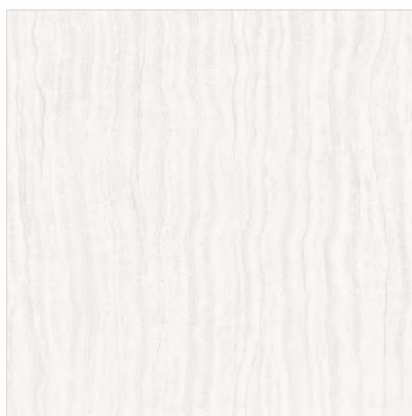
PELICAN CREMA



CLASSICO WHITE



CLASSICO CREMA



ORCHID

DOUBLE CHARGE
VITRIFIED TILES

snowsalt

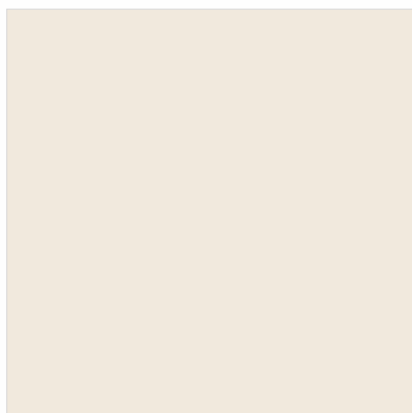


60x60cm

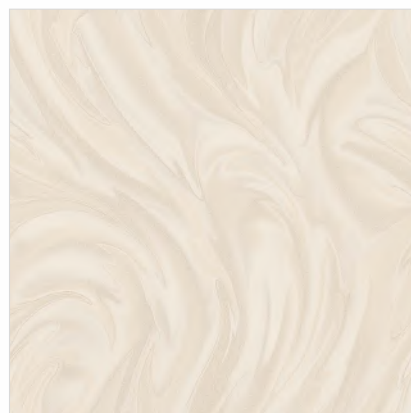
Surface - Polished



Floor - GRAVEL
Size - 60x60cm



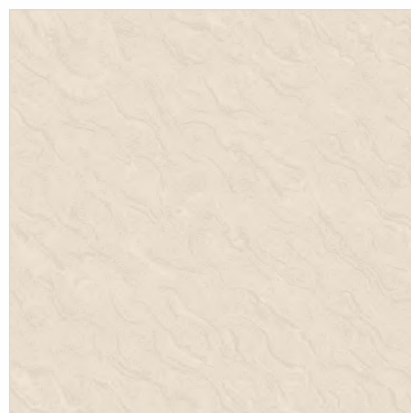
IVORY



GRAVEL



DYNO IVORY



FLORISH



LIZA



WINDY

SOLUBLE SALT VITRIFIED TILES



60x60cm

Surface - Polished

Technical Specification

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.BIIa	TEST METHOD	SIMPOLO MEAN VALUE AS PER ISO 13006:2018
Regulatory Properties			
Deviation in length and width	± 0.30 % (± 1.00mm)	ISO 10545-2	± 0.10 %
Deviation in thickness	± 5.00 % (± 0.50mm)	ISO 10545-2	± 4.00 %
Straightness in side	± 0.30 % (± 0.80mm)	ISO 10545-2	± 0.10 %
Rectangularity	± 0.30 % (± 1.50mm)	ISO 10545-2	± 0.10 %
Surface flatness Central Curvature	± 0.40 % (± 1.80mm)	ISO 10545-2	± 0.20 %
Surface flatness Edge Curvature	± 0.40 % (± 1.80mm)	ISO 10545-2	± 0.20 %
Surface flatness Warpage	± 0.40 % (± 1.80mm)	ISO 10545-2	± 0.10 %
Surface Quality	> 95% defects free	ISO 10545-2	> 95% defects free
Small Color Difference	ΔE < 1.00	ISO 10545-16	ΔE < 0.30
Glossiness (With Nano Polished)	As per Mfg.	Gloss Meter 60°	≥ 90°
Glossiness (Without Polished)	As per Mfg.	Gloss Meter 60°	7° ≤ GLOSS ≤ 14°
Glossiness (Satin)	As per Mfg.	Gloss Meter 60°	15° ≤ GLOSS ≤ 25°
Structural Properties			
Water absorption	≤ 0.50 %	ISO 10545-3	≤ 0.060 %
Bluk Density	As per Mfg.	ISO 10545-3	> 2.28 gm/cc
Massive Mechanical Properties			
Modulus of rupture	Min. 35.0 N/mm ²	ISO 10545-4	Min. 40.0 N/mm ²
Breaking strength thickness <7.5	Min. 700.0 N	ISO 10545-4	Min. 1000.0 N
Breaking strength thickness ≥7.5	Min. 1300.0 N	ISO 10545-4	Min. 1800.0 N
Surface Mechanical Properties			
MOH'S hardness	As per Mfg.	BS EN 15771	Polished Min 4°/ Satin, Posh & Matt Min. 6
Deep abrasion resistance	Max. 175 mm ³	ISO 10545-6	Max. 132 mm ³
Thermal Hygrometric Properties			
Moisture expansion	Max. 0.06%(0.6mm/m)	ISO 10545-10	Max. 0.02mm/m
Thermal expansion(COE) at 100°C	As per Mfg.	ISO 10545-8	Max. 6.0 x 10 ⁻⁶
Thermal shock resistance	Min. 10 Cycle	ISO 10545-9	Min. 10 Cycle
Impact resistance(COR)	Min. 0.55	ISO 10545-5	Min. 0.55
Frost resistance	As per Mfg.	ISO 10545-12	Frost Proof
Chemical Properties			
Resistance to Staining Glazed	As per Mfg.	ISO 10545-14	Min. Class 4
Resistance to Household Chemicals &Swimming Pool Salts Glazed	Min. Class UB	ISO 10545-13	Min. Class UB
Resistance to Low Concentrate Acidand Alkalís Glazed	As per Mfg.	ISO 10545-13	Min. Class ULB
Resistance to High Concentrate Acidand Alkalís Glazed	As per Mfg.	ISO 10545-13	Min. Class UHB
Safety Properties			
Skid resistance Polished(DCOF-DRY) #	As per Mfg.	BS 7976-2	Glossy ≥P0,Satin, Posh ≥P1 Matt ≥P2
Slip resistance Satin/Matt(DCOF)(R value)#	As per Mfg.	DIN 51130	R9 to R13
Fire Resistance	As per Mfg.	N.A.	Fire Proof

* With nano technology (Polished Vitrified tiles) Depending on Application area (low or high intensity of traffic)

** Except Hydrofluoric Acid & it's compound

Glaze tiles Intended for use on floor

As per customer requirement

Packing Details

PRODUCT	SIZE	TILES / BOX	COVERAGE AREA / BOX
DOUBLE CHARGE	800x1500mm	2 pcs.	2.40 sq. mtr.
	800x800mm	3 pcs.	1.92 sq. mtr.
	600x600mm	4 pcs.	1.44 sq. mtr.

Technical Specification

CHARACTERISTIC	STANDARD AS PER IS 15622:2017 Gr.BIa	TEST METHOD	SIMPOLO MEAN VALUE AS PER IS15622:2017
Regulatory Properties			
Deviation in length and width	± 0.10 %	IS 13630-1	± 0.10 %
Deviation in thickness	± 5.00 %	IS 13630-1	± 4.00 %
Straightness in side	± 0.10 %	IS 13630-1	± 0.10 %
Rectangularity	± 0.10 %	IS 13630-1	± 0.10%
Surface flatness Central Curvature	± 0.50 %	IS 13630-1	± 0.20 %
Surface flatness Edge Curvature	± 0.50 %	IS 13630-1	± 0.20 %
Surface flatness Warpage	± 0.50 %	IS 13630-1	± 0.10 %
Surface Quality	> 95% defects free	IS 13630-1	> 95% defects free
Small Color Difference	N.A.	N.A.	ΔE < 0.30
Glossiness (With Nano Polished)	As per Mfg.	Gloss Meter 60°	≥ 90
Glossiness (Without Polished)	As per Mfg.	Gloss Meter 60°	7 ≤ GLOSS ≤ 14
Glossiness (Satin)	As per Mfg.	Gloss Meter 60°	15 ≤ GLOSS ≤ 25
Structural Properties			
Water absorption	≤ 0.80 %	IS 13630-2	≤ 0.060 %
Bluk Density	Min. 2.20 g/cc	IS 13630-2	Min. 2.28 gm/cc
Massive Mechanical Properties			
Modulus of rupture	Min. 35.0 N/mm ²	IS 13630-6	Min. 40.0 N/mm ²
Breaking strength thickness <7.5	Min. 700.0 N	IS 13630-6	Min. 1000.0 N
Breaking strength thickness ≥7.5	Min. 1300.0 N	IS 13630-6	Min. 1800.0 N
Surface Mechanical Properties			
MOH'S hardness	Min. 5	IS 13630-13	Polished Min 4*/Satin, Posh & Matt Min. 6
Deep abrasion resistance	Max. 140 mm ³	IS 13630-12	Max. 132 mm ³
Thermal Hygrometric Properties			
Moisture expansion	Max. 0.2mm/m	IS 13630-3	Max. 0.02mm/m
Thermal expansion(COE) at 100°C	Max. 6.0 x 10 ⁻⁶	IS 13630-4	Max. 6.0 x 10 ⁻⁶
Thermal shock resistance	Min. 10 Cycle	IS 13630-5	Min. 10 Cycle
Impact resistance(COR)	Min. 0.55	IS 13630-14	Min. 0.55
Frost resistance	As per Mfg.	IS 13630-10	Frost Proof
Chemical Properties			
Resistance to Staining Glazed	Min. Class 2	IS 13630-8	Min. Class 2
Resistance to Household Chemicals &Swimming Pool Salts Glazed	As per Mfg.	IS 13630-7	Min. Class A
Resistance to Low Concentrate Acidand Alkalis Glazed	As per Mfg.	IS 13630-7	Min. Class A
Resistance to High Concentrate Acidand Alkalis Glazed	As per Mfg.	IS 13630-7	Min. Class A
Safety Properties			
Skid resistance Polished(DCOF-DRY)#	As per Mfg.	As per Mfg.	Glossy ≥P0,Satin, Posh ≥P1 Matt ≥P2
Slip resistance Satin/Matt(DCOF)(R value)#	As per Mfg.	As per Mfg.	R9 to R13
Fire Resistance	As per Mfg.	N.A.	Fire Proof

* With nano technology (Polished Vitrified tiles) Depending on Application area (low or high intensity of traffic)

** Except Hydrofluoric Acid & it's compound

Glaze tiles Intended for use on floor

As per customer requirement

Packing Details

PRODUCT	SIZE	TILES / BOX	COVERAGE AREA / BOX
SOLUBLE SALT	600x600mm	4 pcs.	1.44 sq. mtr.

TILES & SANITARYWARE



Simpolo Vitrified Private Limited

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