







Transforming Spaces

www.BirlaPivot.com

Surface Symphony Collection

CONTACT US NOW

www.BirlaPivot.com

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SKUs



Brands







Material Costs



Tracking





n-time elivery

Quality Assurance

Grasim Industries Limited | Unit: B2B E commerce Business

8th Floor, Umiya Business Bay 2, Cessna Business Park, Marathahalli, Sarjapur Outer Ring Road, Bengaluru 560037, Karnataka, India. CIN: L17124MP1947PLC000410

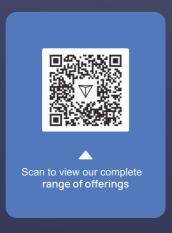
Regd. Office: Birlagram, Nagda 456331 (M.P.)

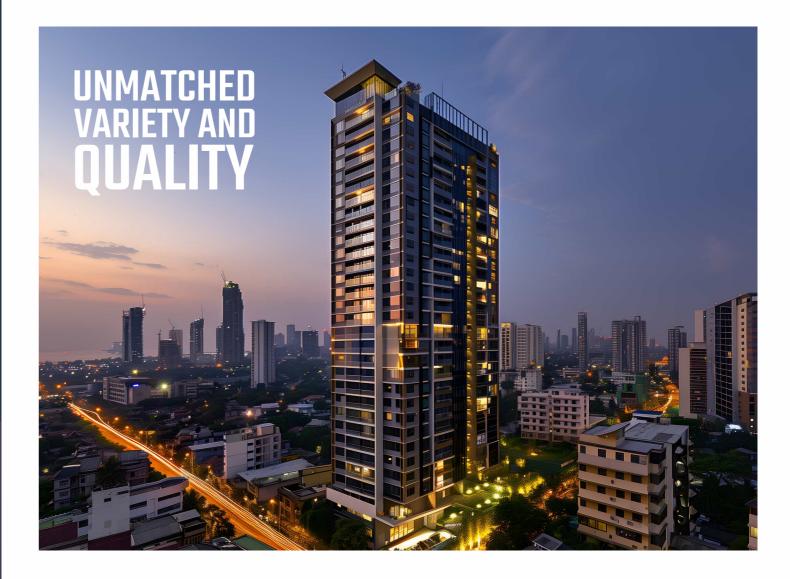




INTRODUCING BIRLA PIVOT TILES

Discover a world where innovation meets aesthetics with Birla Pivot Tiles. Our tiles are redefining interiors acrossresidential, commercial, institutional, industrial, retail, and public spaces. Our extensive collection features stylish and trendy tiles for both floors and walls, available in a variety of designs and finishes. Each tile is crafted to enhance the functionality of spaces and bring architectural visions to life.





UNMATCHED VARIETY AND QUALITY

We offer a diverse range of tiles, including:

- Glossy and glazed vitrified tiles: Perfect for a sleek, modern look.
- Ceramic tiles: Versatile and durable for any setting.
- Digital and soluble salt tiles: For vibrant, detailed patterns.
- Moroccan designs: Add an exotic touch to your interiors

Our commitment to quality is unwavering. Every tile is manufactured under stringent quality controls to ensure you receive surfaces that are not only beautiful but also built to last.

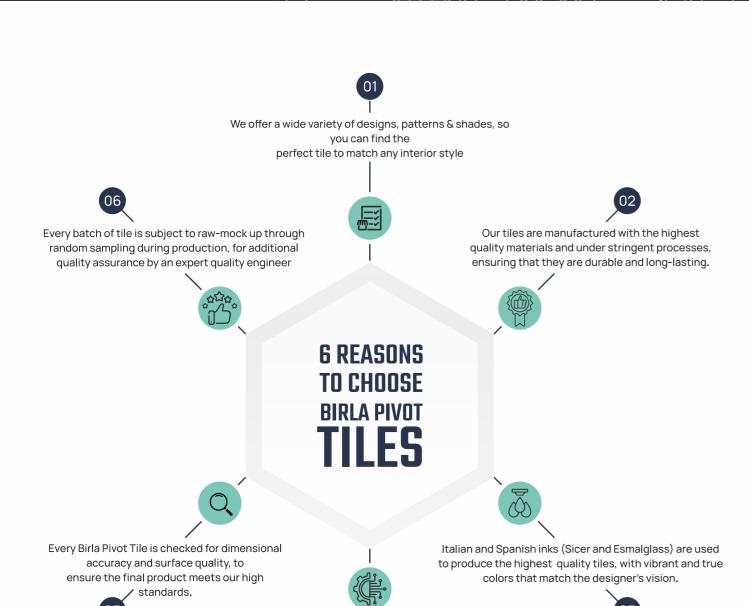
CURATED COLLECTIONS FOR EVERY PROJECT

To assist you in selecting the perfect tiles for your projects, we have curated a list of our top-selling styles, covering a wide range of surfaces. This guide simplifies the selection process, helping you match your design intent with the right product.

PARTNER WITH US

Choose Birla Pivot Tiles for your next project and experience the difference that premium quality and exceptional design can make. Let us help you transform spaces into stunning, functional environments that stand the test of time.

PIVOT Tiles



We use world-class facilities in technical collaboration with SACMI-Simola of Italy (world leaders in ceramic plant and machinery). Our tiles are baked for durations that give them the strongest possible construction.



PRODUCT RANGE

GVT & PGVT

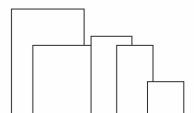
Birla Pivot GVT & PGVT tiles are the perfect blend of elegance and durability, designed to enhance any interior with their diverse range of textures and finishes. Whether you're aiming for a subtle, refined look or a bold, striking statement, these tiles offer the versatility to achieve your vision, ensuring your spaces remain beautiful and enduring over time.

 Size:
 S

 1200 x 1800 mm, 800 x 1600 mm
 G

 600 x 1200 mm, 600 x 600 mm
 H

Surface : Glossy, Matt, High Glossy, Carving



FULL BODY VITRIFIED TILES

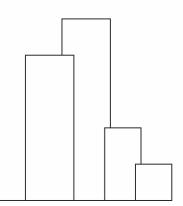
Birla Pivot Full Body Vitrified Tiles offer unmatched strength and durability, with colour and design that run through every inch of the tile. Perfect for high-traffic areas, these tiles bring a sleek, polished look to any space, ensuring long-lasting beauty with a premium finish that stands the test of time.

 Size:
 Surface

 800 x 3000 mm,
 Glossy

 800 x 2400 mm
 Matt

 600 x 600 mm
 Punch



DOUBLE CHARGE & NANO/SOLUBLE SALT

Birla Pivot Double Charge and Nano Soluble Salt tiles represent the pinnacle of innovation and design in flooring solutions. With a durable, long-lasting surface and vibrant patterns, these tiles provide a high-end look that stands up to everyday wear. Perfect for high-traffic areas, they combine beauty and strength to create spaces that shine with lasting brilliance

 Size :
 Surface :

 600 x 1200 mm
 Glossy

 800 x 800 mm
 Glossy

HEAVY DUTY PARKING TILES

Birla Pivot Heavy Duty Parking Tiles are built to withstand the toughest conditions, offering unmatched strength and durability for high-traffic areas. Designed to handle heavy loads without compromising on style, these tiles are perfect for parking lots and driveways, delivering performance and a polished look that lasts.

Size: Surface: 300 x 300 mm Punch, Rustic 400 x 400 mm



Birla Pivot Digital Wall Tiles and Moroccan Tiles combine modern design with timeless elegance. Our Digital Wall Tiles offer vibrant, high-definition visuals, while Moroccan Tiles bring rich, intricate patterns. Together, they create a perfect balance of style and durability, transforming any space into a work of art.

Size: 300 x 450 mm 300 x 600 mm 300 x 300 mm Surface:

x 450 mm Glossy, Matt, Punch



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	alla.	——— Applicat	.iUI.3	-	A: A
111		77			*
Water Proof	Easy to Install	Floor Tiles	Wall Tiles	Chemical Resistance	Stain Resistance
)	**	*	8		0
andom Design	Gloss Finish	Matt Finish	Rustic Finish	Carving Finish	Endless Design



POLISHED GLAZED VITRIFIED TILES

GLOSSY

600 x 600 mm

Upgrade your projects with the high-gloss elegance and exceptional strength of our polished glazed vitrified tiles. Experience the perfect combination of durability and a mirror-like finish that brings a luxurious touch to any environment. Our extensive collection of polished glazed vitrified tiles provides versatile options to enhance the beauty and resilience of your designs.









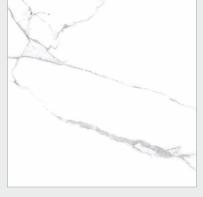








AQUA JEANS R4



ATLANTIC WHITE R4



AVARIO BROWN R4

ROYAL ANTISKY R4



AVARIO GREY R4



BOTTICHINO CLASSICO R4



BRECCIA BEIGE R4

BRECCIA GREY R4



BRECCIA BLANCO R4



BRECCIA GOLDEN R4



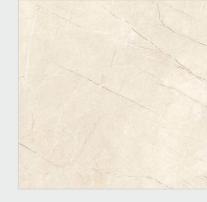
BRECCIA IGNIS R4



BRECCIA PERNICE R4

POLISHED GLAZED VITRIFIED TILES

CANNON GRIS R4



CANYON IVORY R4



GLOSSY

600 x 600 mm

CANYON GREY R4



BRITTON GREEN R4



CAIRO LINEN R3



CLASSIC CARARA R4



CARRARA POLARIS R4

DALLAS VERDE R4



CRACK ICE R4



CREECHVILLE GREEN R4



DYNA BLUE R4



CLASSIC DYNA R4













POLISHED GLAZED VITRIFIED TILES

GLOSSY 600 x 600 mm



HIMALAYA WHITE R4



ITALIAN NATURAL STONE R4



NEXUS BIANCO R4



GRAND ONYX R4



IRANI ONYX R4



ONYX WHITE R4



NEXUS GRIS R4



NORWAY CREMA R4



NORWAY GREY R4



QUERY GREY R4



PIETRA GREY R4



ORACLE BLUE R3



NORWAY IVORY R4



CLOUDY ONYX R4



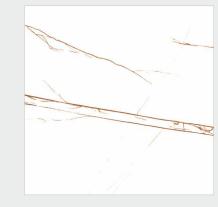
CRYSTAL BROWN ONYX R4



PLATINUM BIANCO R4



PLATINUM NERO R4



SPIDER BROWN R4



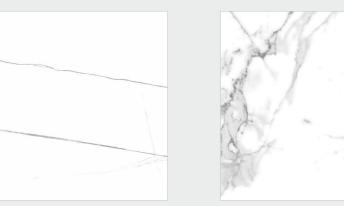
ONYX DARK R4



FAIRY BIEGE ONYX R4



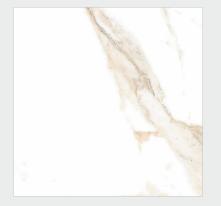
GOLDEN ONYX R4



SPIDER GREY R4



STATURIO CLASSIC R4



GOLD STATUARIO R4

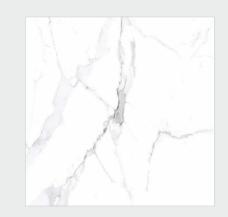








GLOSSY 600 x 600 mm



ROYAL STATUARIO R4



ULTIMATE STATUARIO R4



CLASSIC STATUARIO R4

MARINA STATUARIO R4



STONE BIANCO R4



TRAVERTINO CLASSIC R4



TRAVERTINO COPPER R4



TRAVERTINO GREY R4



VOLTERRO BEIGE R4



GLAZED VITRIFIED TILES



Enhance your projects with the refined elegance and robust durability of our glazed vitrified tiles. These tiles combine a polished finish with superior strength, making them ideal for both aesthetic and functional applications. Our extensive collection of glazed vitrified tiles offers versatile and sophisticated solutions to elevate any space.





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GLAZED VITRIFIED TILES

MATT 600 x 600 mm



ASTA BIANCO R4



ASTA EARTH R4



ASTA OCRE R4



EMOTION BIANCO R4



EMOTION GREY R4



EMOTION CREMA R4



ATLANTIC WHITE R4

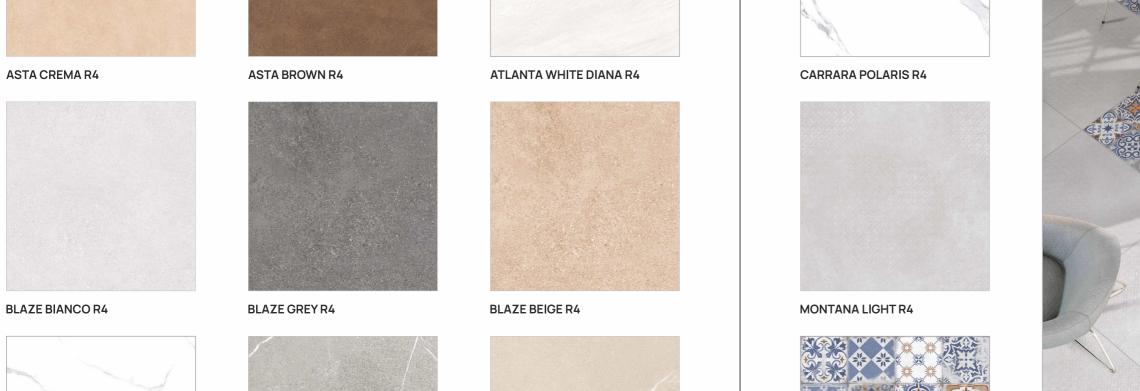




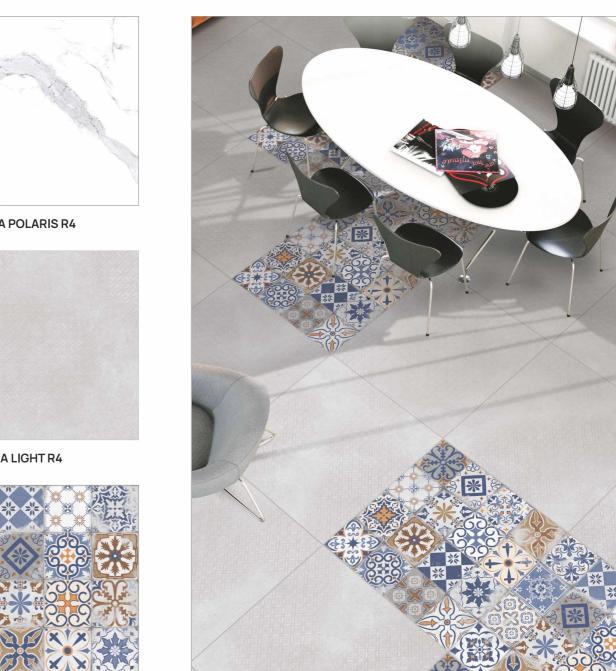




MONTANA HLR2



BRUNEI IVORY R4



- www.BirlaPivot.com

BRUNEI GREY R4

GLAZED VITRIFIED TILES











MATT

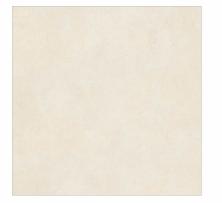
600 x 600 mm



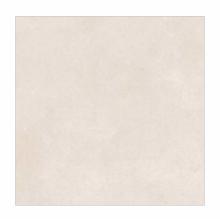
NEXUS BIANCO R4



NEXUS LIGHT R4



NORWAY CREMA R4



NORWAY IVORY R4



NORWAY BROWN R4



NORWAY BIANCO R4



NORWAY GREY R4

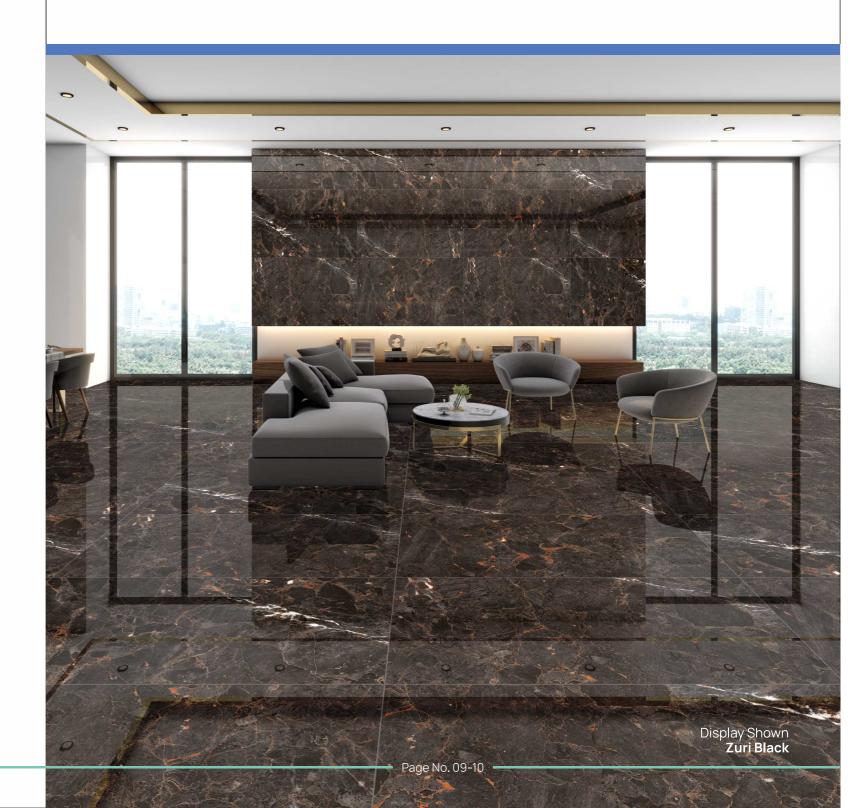
BIRLA PIVOT Tiles

GLAZED VITRIFIED TILES & POLISHED GLAZED VITRIFIED TILES

GLOSSY | HIGH GLOSS MATT | CARVING

600 x 1200 mm

Enhance your projects with the refined elegance and robust durability of our glazed vitrified tiles. These tiles combine a polished finish with superior strength, making them ideal for both aesthetic and functional applications. Our extensive collection of glazed vitrified tiles offers versatile and sophisticated solutions to elevate any space.















ANTISKY R3



ASTORIA LIGHT



BRECCIA CREMA



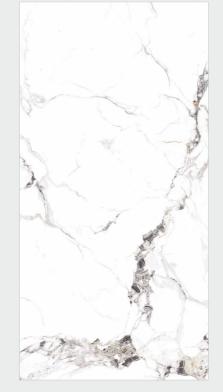
AVONI BEIGE

AVONI WHITE



AVONI GREY

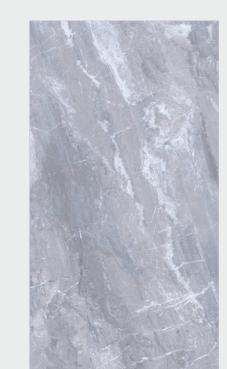
POLISHED GLAZED VITRIFIED TILES



CARRARA LUXE R4



DEFINE GREY R3



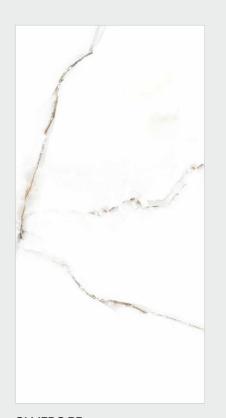
GLOSSY

600 x 1200 mm

DENNY GREY R2



MANGUS WHITE R3



OLMEDO R3



SEM STATUARIO R4











POLISHED GLAZED VITRIFIED TILES

GLOSSY 600 x 1200 mm











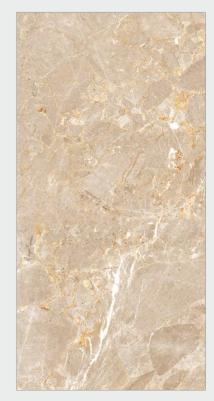












SPERRO GREY R4

SPERRO DARK GREY R4

SPERRO BEIGE R4

VEDA PEARL

VEDA GOLD















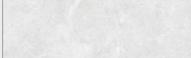














ZEBRANO GREY

ZEBRANO LIGHT



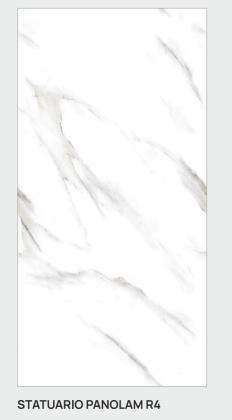


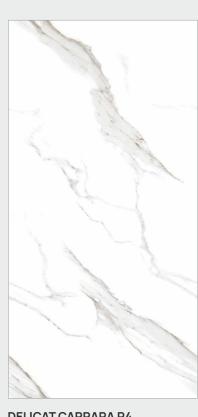






STATUARIO ALASKA R4





DELICAT CARRARA R4

ENDLESS DESIGN







ORRA ONEX R4





ARIAL GREY R4

STANDARD GREY R4

STANDARD BEIGE R4

































BRITTON MINT R4

CRYSTAL BLUE R4

ZURI AQUA

ESSEN CREMA R3

GROOT CREMA MATT PUNCH

GROOT GREY MATT PUNCH





ZURI BLACK







ESSEN BROWN R3

GROOT BROWN MATT PUNCH

GROOT DARK MATT PUNCH



















CARRARA POLARIS R4 ESTRUCTURADO MATT PUNCH



NEUTRA PEARL LIGHT R3



NEUTRA BIANCO R3

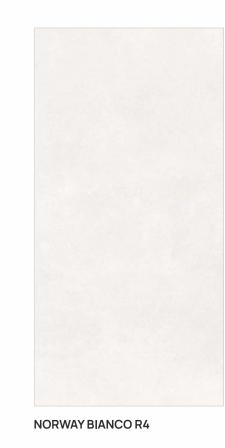


NEUTRA PEARL R3



NORWAY LIGHT R4







NORWAY IVORY R4



NORWAY BROWN R4



NORWAY GREY R4

NEUTRA GREY R3



















POZZOLANA CREMA



POZZOLANA CREMA HL POZZOLANA BROWN HL MATT PUNCH **MATT PUNCH**



POZZOLANA DARK GREY



POZZOLANA DARK GREY HL MATT PUNCH



POZZOLANA LIGHT GREY



POZZOLANA LIGHT GREY HL MATT PUNCH



POZZOLANA NERO



POZZOLANA NERO HL MATT PUNCH



STATUARIO CLASSIC R4



TROY BROWN R4













GLAZED VITRIFIED TILES











JORDAN LIGHT GREY













STATUARIO CLASSIC R4

RIVER LIGHT GREY R4

RIVER GREY R4



















600 x 1200 mm



JUTE BEIGE CARVING PUNCH



JUTE NATURAL DECORE CARVING PUNCH



JUTE NATURAL CARVING PUNCH



TERAZZO WHITE R3



TERAZZO GREY R3



BOTTICHNO GOLD R3













600 x 1200 mm





ZURI PEARL

ZURI GREY





GLAZED VITRIFIED TILES & POLISHED GLAZED VITRIFIED TILES

GLOSSY | MATT | CARVING

800 x 1600 mm

Upgrade your projects with the high-gloss elegance and exceptional strength of our polished glazed vitrified tiles. Experience the perfect combination of durability and a mirror-like finish that brings a luxurious touch to any environment. Our extensive collection of polished glazed vitrified tiles provides versatile options to enhance the beauty and resilience of your designs.









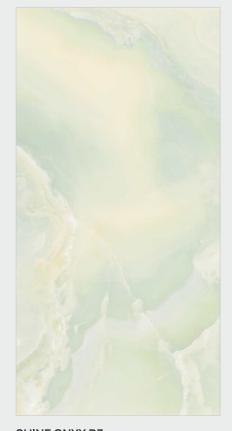


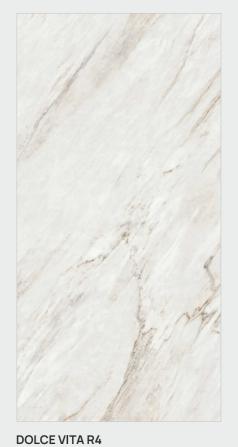




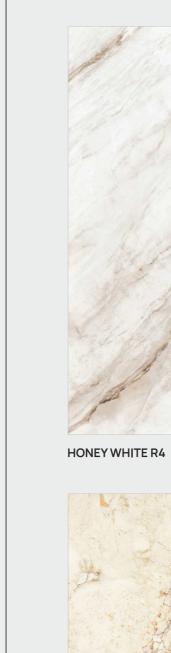
POLISHED GLAZED VITRIFIED TILES

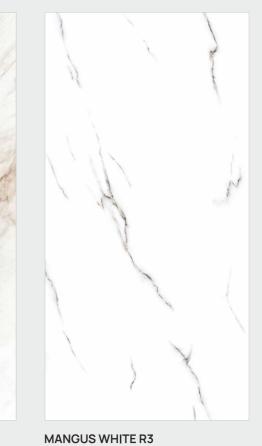
GLOSSY 800 x 1600 mm





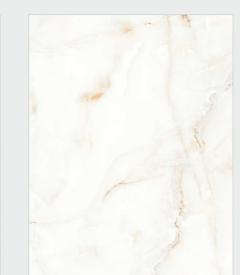








SHINE ONYX R3











ANTISKY GREY R3

ANTISKY R3

CARRARA LUXE R4

COSMIC BEIGE ROSALIA R3

DYNA FANTASTICO R4

HALDEN GREY R4













POLISHED GLAZED VITRIFIED TILES

GLOSSY

800 x 1600 mm







STATUARIO PEARL

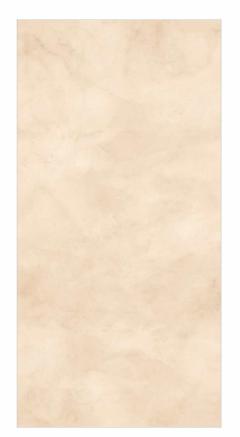


SPREDA BROWN R4











VIOLA CREMA R4





ENDLESS DESIGN





NUVO ONYX GREY R3

PORTOBELLO NATURAL R4

ORMANICA CREMA R4













POLISHED GLAZED VITRIFIED TILES

GLOSSY

800 x 1600 mm

ENDLESS DESIGN







PONCA BIANCO

PONCA GREY R4

CARRARA SNOW R4





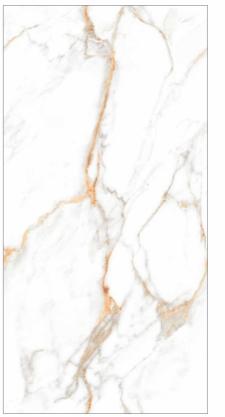


NAIROBI BLUE R3

MODERNA GOLD R4

PLATINUM BIANCO R4

ENDLESS DESIGN







PASTEL BROWN R4

SILVER ROOT BEIGE R4

SILVER ROOT GREY R4







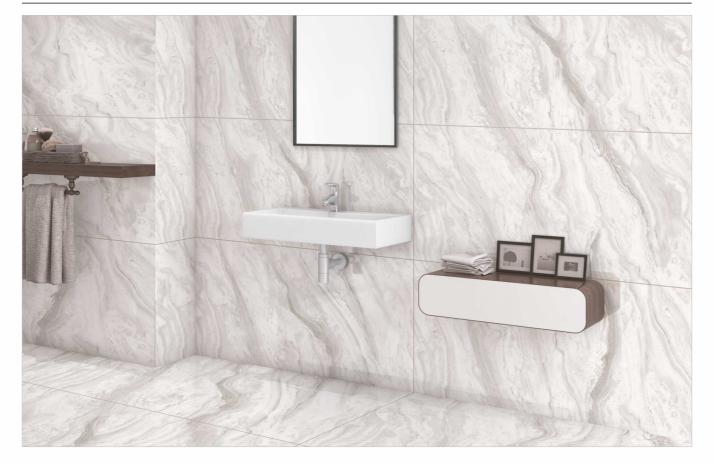








ENDLESS DESIGN









WILSONARTICE

POLISHED GLAZED VITRIFIED TILES









Carving Random Finish Design 800 x 1600 mm

ENDLESS DESIGN





STROME CREMA R4

STROME GREY R4













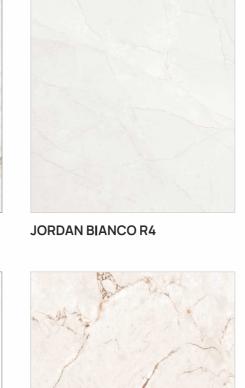
















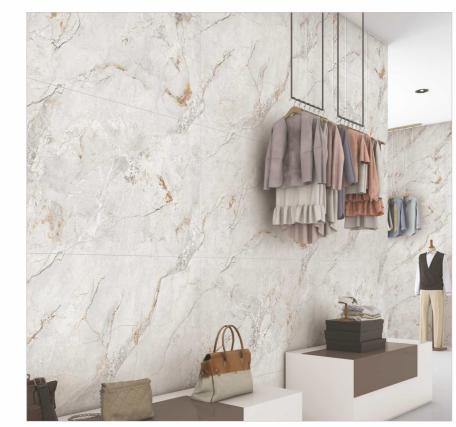




LAGUNA GREY R4

NIVAL GREY R4





RIGATO WHITE R4

SATVARIO R2

GLAZED VITRIFIED TILES











800 x 1600 mm



NORWAY BIANCO R4



ASPHALT BEIGE R3

ASPHALT LIGHT GREY R3



DOUBLE CHARGE VITRIFIED TILES

GLOSSY

600 x 600 mm

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Display Shown 1001, 1003

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DOUBLE CHARGE VITRIFIED TILES









GLOSSY

600 x 600 mm







1001

1002

1003







1004

1005

1006





1007

BIRLA PIVOT Tiles

SOLUBLE SALT TILES

GLOSSY

600 x 600 mm

Upgrade your projects with the subtle elegance and enduring quality of our soluble salt tiles. These tiles feature intricate patterns and a smooth finish, achieved through advanced manufacturing techniques. Our range of soluble salt tiles offers versatile and cost-effective solutions to enhance the visual appeal and functionality of any space.



www.BirlaPivot.com Page No. 41-42

SOLUBLE SALT TILES



GLOSSY 600 x 600 mm







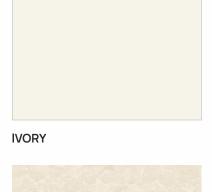




DIGITAL WALL TILES

GLOSSY | MATT 300 x 450 mm

Revitalize your projects with the timeless appeal and versatility of our ceramic wall tiles. Enjoy the durability and easy maintenance that make these tiles a practical choice for any design. Our wide range of ceramic wall tiles offers an array of colours, patterns, and textures to enhance and personalize any space.





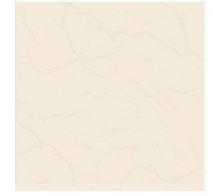




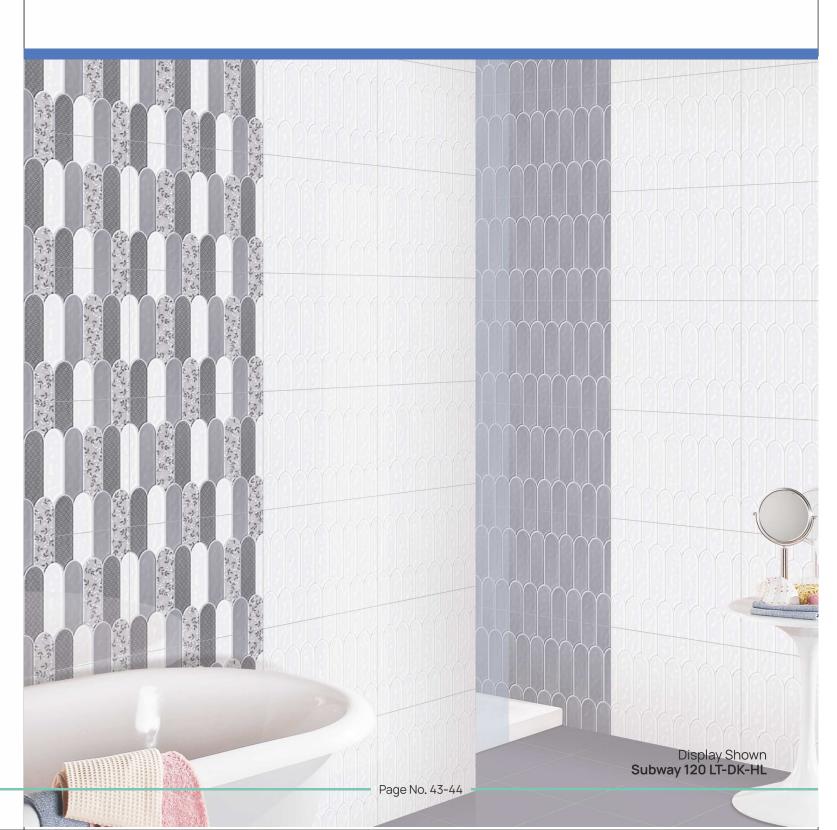








VRATZA









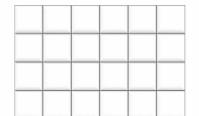




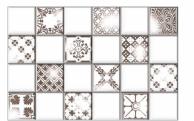
DIGITAL WALL TILES

GLOSSY

300 x 450 mm



WHITE 11



CEDAR 11 HL-1



CEDAR 11



FLORIS LT

FLORIS HL-1

FLORIS DK

FLORIS LT



FLORIS HL-4



FLORIS DK

Matching Floor Available In 300 x 300 mm



MARFIL LT



MARFIL HL-1



MARFIL DK



MARFIL HL-2



MARFIL DK



FRESSCO BLACK LT



FRESSCO BLACK HL-1



FRESSCO BLACK DK



RIVER HL-1



RIVER HL-2



RIVER LT



RIVER DK



SATVARIYO-08 LT



SATVARIYO-08 HL-5



SATVARIYO-08 LT



SUBWAY 101 LT



SUBWAY 101 HL-1



SUBWAY 101 DK



Matching Floor Available In 300 x 300 mm















300 x 450 mm



SUBWAY 113 LT



SUBWAY 113 HL-1



Matching Floor Available In 300 x 300 mm

SUBWAY 113 DK

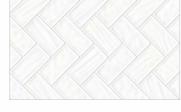


SUBWAY 120 LT





SUBWAY 120 DK



SUBWAY 134 LT



SUBWAY 134 HL-1



SUBWAY 134 DK



SUBWAY 135 LT



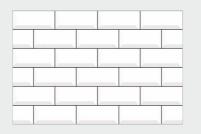
SUBWAY 135 HL-1



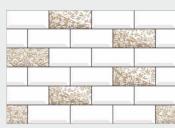
SUBWAY 135 DK



MOSS 20



WHITE 22

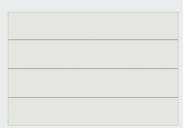


TAN 26 HL-1

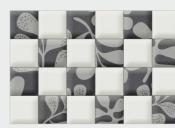


Matching Floor Available In 300 x 300 mm

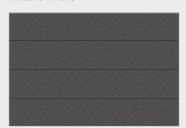
TAN 26



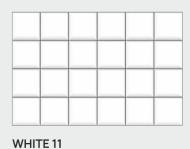
WALNUT LT



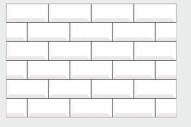
WALNUT HL-3



WALNUT DK



WHITE 20



WHITE 22

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PIVOT Tiles















5285 LT



5285 HL-1



5285 DK



5286 LT



5286 HL-1



5286 DK



5288 LT



5288 HL-1



5288 DK





5289 LT



5289 HL-1



5289 DK



5290 LT



5290 HL-1



5290 DK



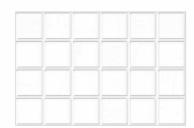
BASIL LT



BASIL HL-1



BASIL DK





SAHARA HL-1





SAHARA DK

Matching Floor Available In 300 x 300 mm

DIGITAL WALL TILES







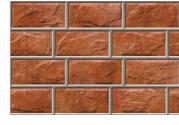
300 x 450 mm

RUSTIC





9021



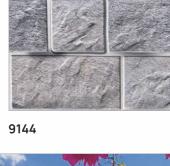
9029





9110







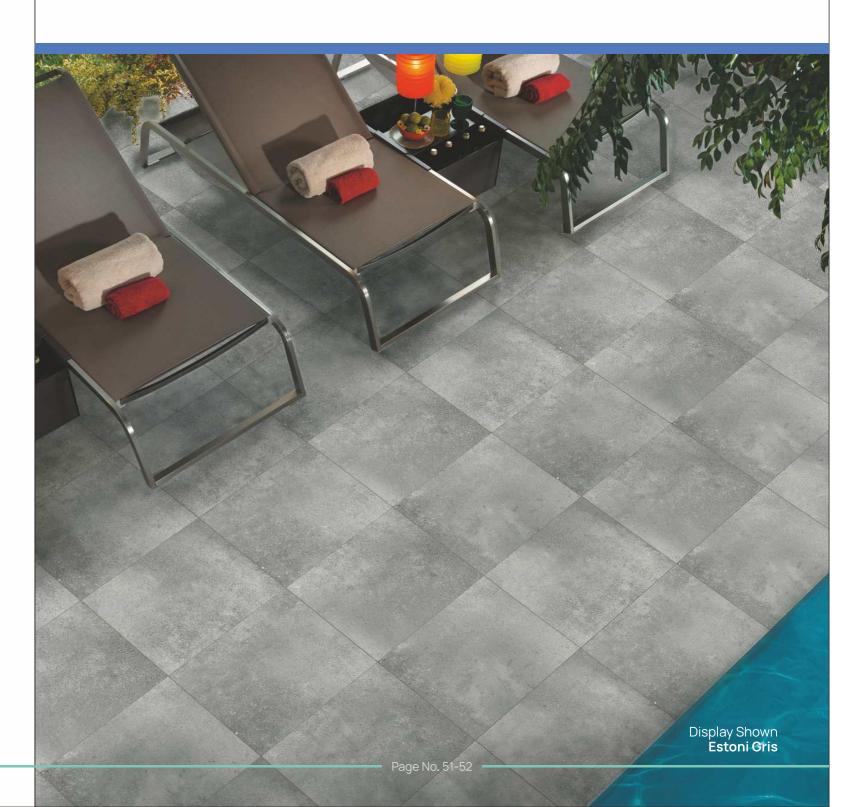
PIVOT Tiles

HEAVY DUTY OUTDOOR TILES

RUSTIC

400 x 400 mm

Heavy-Duty tiles are specially crafted with the purpose of providing durability to the surface even when subjected to a heavy load of goods, machinery, forklifts, traffic area and large vehicles.











HEAVY DUTY OUTDOOR TILES

RUSTIC 400 x 400 mm



























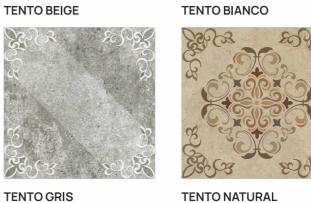
























CODONA GREY-BROWN







NIRO BLUE R4







FENZO CREMA CODONA GREY-COFFEE **CODONA GREY-NERO**

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HEAVY DUTY OUTDOOR TILES











DOVIN RUSTIC BROWN



SASA BEIGE

RENO BROWN



CADORNA GRIS



DARK TONE GREY



SASA COTTO



MONTE COTTO

SASA GREY

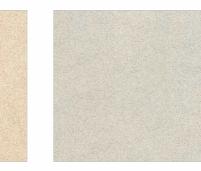


POLO COTTO

MONTE FLORA



MONTE GREY



AERA IVORY AERA BIANCO



SAVONA BEIGE

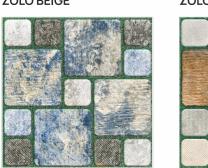


SAVONA GREY



MONTE BROWN

ZOLO BEIGE



CUBA BLUE





CUBA BROWN



ZOLO GREY



CUBA GREY





REGINA SLATE





AERA BROWN



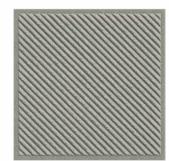
AERA NERO



SAVONA BROWN DECOR



SAVONA BROWN



SAVONA GRIS

PIVOT Tiles









FENZO BEIGE



FENZO BEIGE DECORE

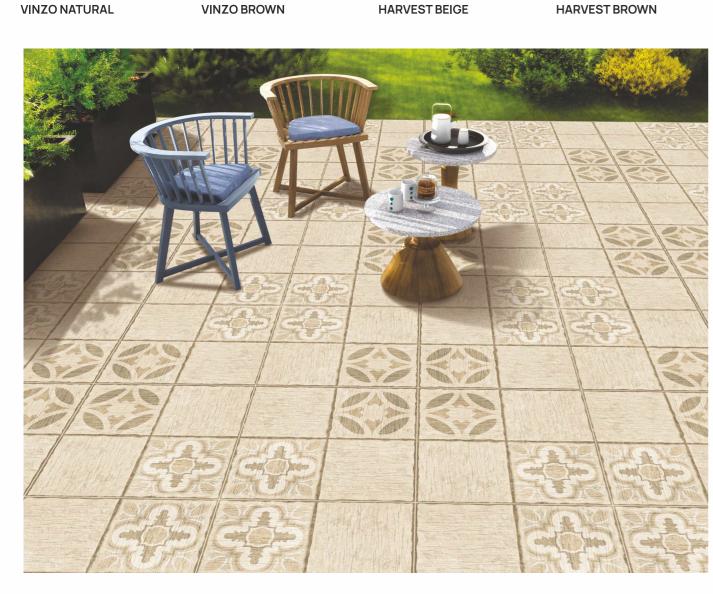




HARVEST BEIGE



HARVEST BROWN

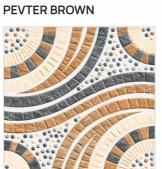


HEAVY DUTY OUTDOOR TILES

RUSTIC

400 x 400 mm





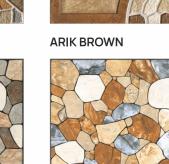
CITRON BROWN



CITRON GREY







CRAFT BROWN



CRAFT BLUE



HEXA BROWN



HEXA GREY



HEXA MULTI



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FULL BODY PARKING TILES

10 mm & 15 mm Thickness

MATT 300 x 300 mm

10 mm Thickness





STAR TERRACOTTA

















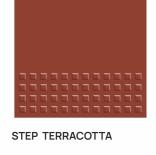


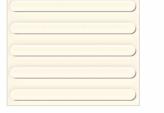




STEP BEIGE

STAR BEIGE





STRIP STAR BEIGE

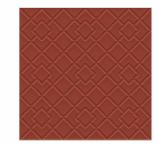


STRIP TERRACOTTA

TESLA BEIGE

TESLA TERRACOTTA

TESLA GREY

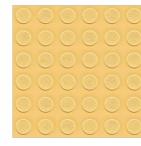


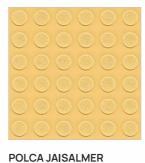
PIRAMID TERRACOTTA

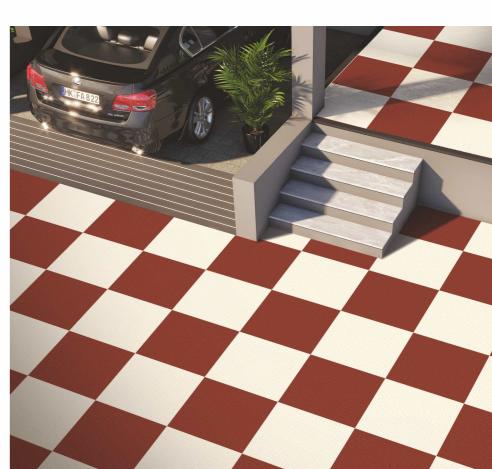




VETRO TERRACOTTA







PIRAMID BEIGE







POLCA TERRACOTTA

Display Shown Portico Star Beige Portico Star Teracotta

Thickness 10 mm









KAPSULE BEIGE KAPSULE TERRACOTTA

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GVT & PGVT

TECHNICAL DETAILS

Characteristics		Requirement as per IS 15622:2017 E ≤ 0.08% Group Bla	Requirement as per ISO 13006 ≤ 0.5% Group Bla	Our Value	Method Of Testing	
Dimension & Surface Qua	ality					
Length &Width		±0.10%	±0.5%	±0.10%		
Thickness		±5.0%	±5.0%	±4.0%		
Straightness of Side		±0.10%	±0.50%	±0.10%		
Rectangularity		±0.10%	±0.60%	±0.10%		
Surface Flatness					10.17670 D 1.11	
Center curvature (%) (Ma	ax.Deviation)	±0.50%	±0.50%	±0.2%	IS 13630 Part 1/ ISO 10545 Part 2	
Edge curvature (%) (Max.	Devlation)	±0.50%	±0.50 %	±0.2%		
Corner warpoge (%) (Max	k.Deviation)	±0.50%	±0.50%	±0.2%		
Surface Quality		Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects		
Physical Properties						
Water Absorption		Avg. E ≤ 0.08%, Individual 0.1% Max	Avg. ≤ 0.5%, Individual 0.6% Max	Avg. E ≤ 0.08%	IS 13630 Part 2/ ISO 10545 Part 3	
Modulus of Rupture [N/mr	m²] Av	vg. 35, Individual 32 Min.	Avg. 35, Individual 32 Min.	Avg 40 Ind. 38	IS 13630 Part 6/	
Breaking Strength in N		1300	1300	Min. 1500	ISO 10545 Part 4	
Moisture Expansion in mm	n/m	0.02	Test method available	0.02	IS 13630 Part 3/ ISO 10545 Part 10	
Scratch Hardness of surfa	ace (Mohs)	Min. 5	N/A	Min. 5 (For Matt) Min. 3 (For Polish)	IS 13630 Part 13	
Surface Abrasion Reistand	се	Min. II	Abrasion Class & Cycle passed	Class V (For Matt) Class III (For Polish)	IS 13630 Part 11/ ISO 10545 Part 7	
Coefficient of linear therm expansion from embiant temperature to 100° C	nal	Max. 6X10 ⁻⁶ K ⁻¹	Test method available	Max. 6X10 ⁻⁶ K ⁻¹	IS 13630 Part 4/ ISO 10545 Part 8	
Thermal Shock Resistance	е	Min. 10 cycle	Test method available	10 cycle Passed	IS 13630 Part 5/ ISO 10545 Part 9	
Crazing Resistance		Min. 4 cycle @ 7.5 bar	Required	4 cycle passed	IS 13630 Part 9/ ISO 10545 Part 11	
Impact Resistance as Co- of Restitution (COR)	efficlent	Min. 0.55	Required	Min. 0.55	ISO 10545 Part 5	
Frost Resistance		Required	Required	100 Cycle passed	IS 13630 Part 10/ ISO 10545 Part 12	
Chemical Resistance	(glazed Tiles)					
Stain Resistance		Min. Class 1	Min. Class 3	Min. Class 1 (For Matt) Min. Class 2 (For Polish)	IS 13630 Part 8/ ISO 10545 Part 14	
Resistance to household of	chemicals	Min. Class AA	Min. Class GB	Min. Class AA		
Resistance to acids and al (with exception of hydroff acid and its compounds)		Required if agreed	Declared Value'	Min. Class AA	IS 13630 Part 8/ ISO 10545 Part 13	
		PACKAGING DETA	IL GLAZE VITRIFIED TILES			
Size	Thickness in mr (Approx)	n Approx Weight (Kgs)	No. Of Tiles Per Box		rage Area er Box	
600 x 600 mm	8	26.5	4	1.44 Sq.m	tr. / 15.5 Sq.ft.	
600 x 1200 mm	8.2	27	2	1.44 Sq.m	tr. / 15.5 Sq.ft.	
800 x 1600 mm 8.8		52	2 2.56 Sq.m		tr. / 27.56 Sq.ft.	

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DOUBLE CHARGE & SOLUBLE SALT

TECHNICAL DETAILS

Characteristics	Requirement as per IS 15622:2017 E ≤ 0.08% Group Bla	Requirement as per ISO 13006 ≤ 0.5% Group Bla	Our Value	Method Of Testing	
Dimension & Surface Quality					
Length & Width	±0.10%	±0.5%	±0.10%		
Thickness	±5.0%	±5.0%	±4.0%		
Straightness of Side	±0.10%	±0.50%	±0.10%		
Rectangularity	±0.10%	±0.60%	±0.10%	IS 13630	
Surface Flatness					
Center curvature (%) (Max.Deviation)	±0.50%	±0.50%	±0.2%	Part 1/ ISO	
Edge curvature (%) (Max.Devlation)	±0.50%	±0.50 %	±0.2%	10545 Part 2	
Corner warpoge (%) (Max.Deviation)	±0.50%	±0.50%	±0.2%		
Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects		
Physical Properties					
Water Absorption	Avg. E ≤ 0.08%, Individual 0.1% Max	Avg. 0.5 % Individual 0.6%max	Avg. E ≤ 0.08%, Individual 0.1% Max	IS 13630 Part 2/ IS 10545 Part 3	
Modulus of Rupture [N/mm²]	Avg. 35, Individual 32 Min.	Avg. 35, Individual 32 min	Avg. 35, Individual Avg. 35, Individual 32 Min.		
Breaking Strength in N	1300	Min. 1300 Min. 1300		ISO 10545 Part 4	
Moisture Expansion in mm/m	0.02	Test method available	0.02	IS 13630 Part 3/ ISO 10545 Part 10	
Scratch Hardness of surface (Mohs)	Min. 5	N/A	Min. 5	IS 13630 Part 13	
Coefficient of linear thermal expansion from embiant temperature to 100° C	Max. 6X10 ⁻⁶ K ⁻¹	Test method available	Max. 6X10 ⁻⁶ K ⁻¹	IS 13630 Part 4/ ISO 10545 Part 8	
Thermal Shock Resistance	Min. 10 cycle	Required	10 cycle Passed	IS 13630 Part 5/ ISO 10545 Part 9	
Crazing Resistance	Min. 4 cycle @ 7.5 bar	N/A	N/A	IS 13630 Part 9/ ISO 10545 Part 1	
Imapct Resistance as Co-efficient of Restitution (COR)	Min. 0.55	Test method available	Min. 0.55	IS 13630 Part 14/ ISO 10545 Part 5	
Deep Abrastion Resistance (in mm²)	Max. 140	Max.175	Max. 140	IS 13630 Part 12/ ISO 10545 Part 6	
Frost Resistance	Required	Required	100 Cycle passed	IS 13630 Part 10/ ISO 10545 Part 12	
Chemical Resistance (Unglazed Til	es)				
Stain Resistance	Min. Class 2	Manufacturer to The class	Min. Class 2	IS 13630 Part 7/ ISO 10545 Part 14	
Resistance to household chemicals	Min. Class AA	Min. Class UB	Class UA		
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Required if agreed	Test method available	Class ULA (Low Conc) Class UHA (High Conc)	IS 13630 Part 7/ ISO 10545 Part 1	

PACKAGING DETAIL DOUBLE CHARGE TILES								
Nominal Size	Thickness (mm)	Approx weight (Kgs)	No. of tiles per carton	Coverage area per carton				
600 x 600 mm	8	24.5	4	1.44 Sq.mtr. / 15.5 Sq.ft.				
600 x 1200 mm	8.2	26.5	2	1.44 Sq.mtr. / 15.5 Sq.ft.				
800 x 800 mm	8.2	36	3	1.92 Sq.mtr. / 20.67 Sq.ft.				
600 x 600 mm (Nano)	7	21.5	4	1.44 Sq.mtr. / 15.5 Sq.ft.				

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DIGITAL WALL TILES

TECHNICAL DETAILS

	(Group BIII IS 15622)	Group BIII, ISO 13006	Typical Our		
Characteristics	Requirements as per IS 15622:2017	Requirement as per ISO 13006.Annex-K, E>10	Values for Wall Tiles	Method Of Testing	
Dimension & Surface Quality					
Length &Width	±0.20%	'+ 0.60%/ - 0.30%	±0.20%		
Thickness	±5.0%	±10.0%	±4.0%		
Straightness of Side	±0.15%	±0.30%	±0.15%		
Rectangularity	±0.20%	±0.50%	±0.15%		
Surface Flatness				EN98/IS 13630	
Center curvature (%) (Max.Deviation)	±0.3%	'+ 0.5%/ -0.3%	±0.22%	Part 1/ ISO 10545 Part 2	
Edge curvature (%) (Max.Devlation)	±0.3%	'+ 0.5%/ - 0.3%	±0.22%		
Corner warpoge (%) (Max.Deviation)	±0.3%	±0.5%	±0.22%		
Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects		
Physical Properties					
Water Absorption	E ≥ 10 % when it exceeds 20% this shall be indecated by the manufacturer	E ≥ 10 % when it excceds 20% this shall be indecated by the manufacturer,Indivisual Minimum Value 9%	15 ± 3%	En99/ IS 13630 Part 2/ ISO 10545 Part 3	
Modulus of Rupture [N/mm²]	Avg. Min. 12 for thickness <7.5mm, Avg. Min. 15 for thickness>7.5mm	Avg. Min. 12 for thickness <7.5mm, Avg. Min. 15 for thickness > 7.5mm		En100/ IS 13630 Part 6/	
Breaking Strength in N	Min. 200 for thickness ≤ 7.5mm, Min. 600N for thickness ≥ 7.5mm	Min. 200 for thickness ≤ 7.5mm, Min. 600N for thickness ≥ 7.5mm Min. 300 for thickness ≤ 7.5mm, Min. 600N for thickness ≥ 7.5mm		ISO 10545 Part 4	
Moisture Expansion in mm/m	0.04	Test Method Available	0.02	En155/ IS 13630 Part 3 /	
Scratch Hardness of surface (Mohs)	Min. 3	N/A	Min. 3	ISO 10545 Part 10	
Coefficient of linear thermal expansion from embiant temperature to 100° C	Max. 9X10 ⁻⁶ K ⁻¹	Test Method Avalatle	Max. 8X10 ⁻⁶ K ⁻¹	En103/ IS 13630 Part 4/ ISO 10545 Part 8	
Thermal Shock Resistance	Min. 10 cycle	Test Method Avalatle	10 cycle passed	En104/ IS 13630 Part 5/ ISO 10545 Part 9	
Crazing Resistance	Min. 4 cycle @ 7.5 bar	Required	4 cycle passed	En105/ IS 13630 Part 9/ ISO 10545 Part 11	
Chemical Resistance (glazed Tiles)					
Stain Resistance	Min. Class 1	Min. Class 3	Min. Class 1		
Resistance to household chemicals	Min. Class AA	Min. GB	Min. Class AA	IS 13630 Part 8/ISO	
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Requred if agreed	Test Method Avallable	Min. Class AA	10545 Part 13 & ISO 10545 Part 14	

PACKAGING DETAIL CERAMIC FOR WALL & FLOOR TILES							
Size Thickness in mm Approx Weight No. Of Tiles Coverage Area (Approx) (Kgs) Per Box Per Box							
300X300	7.5	8.8	8	0.72 Sq.mtr. / 7.75 Sq.ft.			
300X450	7.5	10.5	6	0.81 Sq.mtr. / 8.72 Sq.ft.			
300X600	9	13	5	0.90 Sq.mtr. / 9.69 Sq.ft.			

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PARKING TILES

TECHNICAL DETAILS

400 x 400 mm

11.8

Characteristics	13006	ment as pe ISO :2018 ≤ 0.5% roup Bla	ĬS 44 (Reaffi	ement as pe 57:2007 rmed-2012) :0.5%	С	our Value	Method Of Testing	
Dimension & Surface Quality								
Length &Width		±0.3%	<u> </u>	0.5%		±0.10%		
Thickness		±5.0%	±	5.0%		±4.0%		
Straightness of Side	:	±0.30%	±0.20%			±0.10%		
Rectangularity	:	±0.30%	±	0.20%		±0.10%		
Surface Flatness							ISO 10545 Part 2/ IS 4457 Annex B	
Center curvature (%) (Max.Devia	tion)	±0.40%	±	0.30%		±0.2%		
Edge curvature (%) (Max.Devlation	on) :	±0.40%	±(0.30 %		±0.2%	7 II II OX B	
Corner warpoge (%) (Max.Deviat	ion)	±0.40%	±	0.30%		±0.2%		
Surface Quality	will b	Min. 95 % of tiles will be free from visible defects		Min. 95 % of tiles will be free from visible defects		95 % of tiles be free from ble defects		
Physical Properties								
Water Absorption	A' Individ	vg. 0.5 % dual 0.6%max		g. 0.5 % al 0.6%max	A۱	/g. < 0.5%	ISO 10545 Part 3/ IS 4457 Annex C	
Modulus of Rupture [N/mm²]	Avg. 35, I	ndividual 32 min	Avg. 3	5, Individual Av 32 min		Avg.>35	ISO 10545 Part 4/ IS 4457 Annex D	
Breaking Strength in N	М	lin 1300 N	Min 1300 N		10	1800 N (For mm) Min, N (For 15mm)		
Moisture Expansion in mm/m	Test Me	ethod Available	Not Available		١	Лах,0.02	ISO 10545 Part 10	
Scratch Hardness of surface (Mo	hs)	N/A	Not Available			Min-6	IS 13630 Part 13	
Resistance to Deep Abrasion (In mm³)		Max.175	Max.175		Max.140		ISO 10545 Part 6/ IS 4457 Annex E	
Coefficient of linear thermal expansion from embiant temperature to 100° C	Test Me	ethod Available	Not Available		Max 6X10-6 K-1max		ISO 10545 Part 8	
Thermal Shock Resistance	F	Required	Not Available		10 cycle passed		ISO 10545 Part 9	
Crazing Resistance		N/A	Not Available		4 cycle passed		ISO 10545 Part 11	
Imapct Resistance as Co-efficien of Restitution (COR)	t Test Me	ethod Avaitable	Not	Available	Min. 0.55		ISO 10545 Part 5	
Frost Resistance	F	Required	Not	Available	100 Cycle Passed		ISO 10545 Part 12	
Chemical Resistance (Glazed Ti	les)							
Stain Resistance	Mi	in. Class 3	Not Available		Min. Class 2		ISO 10545 Part 14	
Resistance to household chemic	als	Min. B	Test Method Available		Class UA			
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Dec	clared Value Test Mo		thod Avallable (Lov		Class ULA Conc) Class (High Conc)	ISO 10545 Part 13/ IS 4457 Annex F	
Resistance to Concentrated HNO ₃ & H ₂ SO ₄	No	t Available		Loss of mass not excees 1.5%		Less Than 1%	IS 4457 Annex G	
	PAC	CKAGING DETAIL FO	OR PARKIN	G TILES				
Size .	Thickness in mm (Approx)	Approx Weight (Kgs)		No. Of Tiles Per Box		Со	verage Area Per Box	
300 x 300 mm	10	16		8		0.72 Sq.mtr. / 7.75 Sq.ft.		
300 x 300 mm	15	18.5		6		0.54 Sq.mtr. / 5.81 Sq		
300X300 mm (Punch)	15	14.5		6		0.54 Sq.mtr. / 5.81 Sq.ft.		
/ 00 / 00	44.0	04				0.90 Sq.mtr. / 9.61 Sq.ft		

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0.80 Sq.mtr. / 8.61 Sq.ft.

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