



b orientbell
tiles

PAVER **TILES**

300x300 mm



OBL Awards & Accolades

Realty+ recognizes the best of the best within the ranks of Indian Real Estate



Website Of the Year-Jan 2020
for www.orientbell.com
(India's construction & design industry)



Brand Of the Year-Jan 2021
(Flooring Idea-Tiles & Ceramic)



Best Omnichannel Retail Model
Winners Future of Retail Summit & Awards 2020



Customer Retail Journey Innovation
Winners Future of Retail Summit & Awards 2020



CEO with HR Orientation
ZEE BUSINESS
National Human Capital Leadership Congress & Awards

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Listed on BSE (530365) for 20+ years.
And also on NSE (ORIENTBELL).





300x300mm PAVER & PARKING TILES



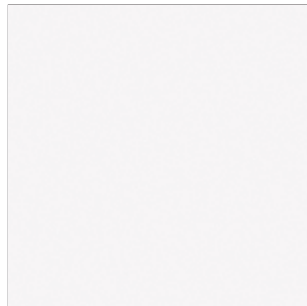
ODM NEXA GRANULE
GREY



ODM NEXA GRANULE
BLACK

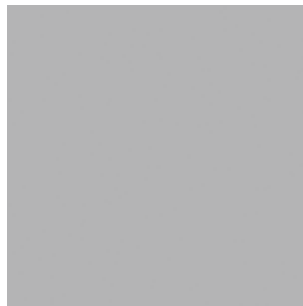


EXTRA THICKNESS
FOR EXTRA STRENGTH



ODM NEXA SUPREME
WHITE PLUS

EXTRA THICKNESS
FOR EXTRA STRENGTH



ODM NEXA GRANULE
GREY PLUS

EXTRA THICKNESS
FOR EXTRA STRENGTH



ODM NEXA GRANULE
BLACK PLUS

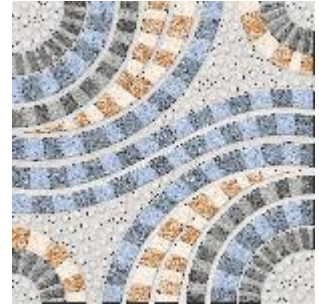




300x300mm PAVER & PARKING TILES



OPV WAVO BROWN



OPV WAVO MULTI





OPV HEXO GREY



OPV HEXO BROWN



OPV TOMBY GREY



OPV TOMBY MULTI

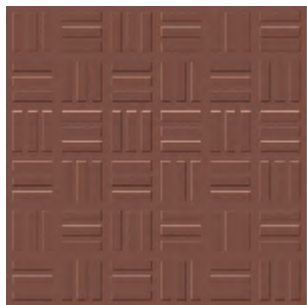




300x300mm PAVER & PARKING TILES



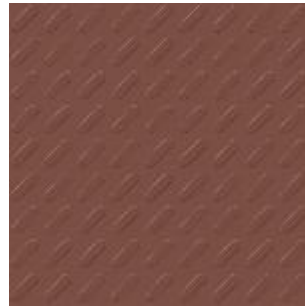
OPV CHEX IVORY



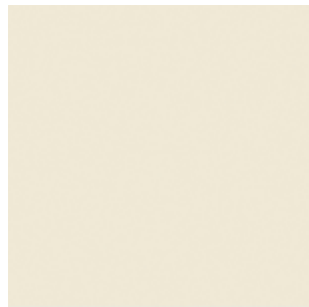
OPV CHEX TERRACOTTA



OPV CAPSULE IVORY



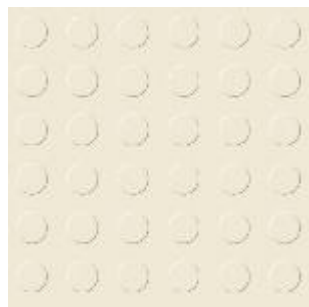
OPV CAPSULE TERRACOTTA



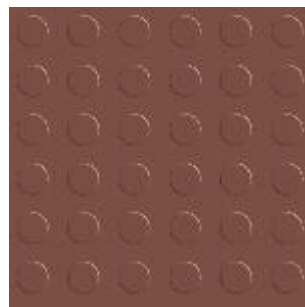
OPV PLAIN IVORY



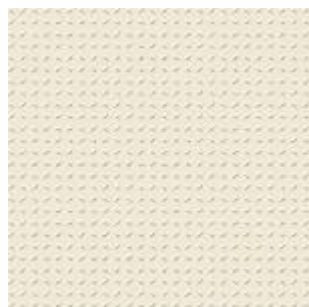
OPV PLAIN TERRACOTTA



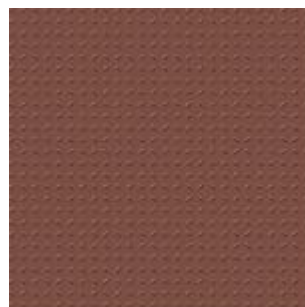
OPV COIN IVORY



OPV COIN TERRACOTTA



OPV STAR IVORY



OPV STAR TERRACOTTA



300x300mm PAVER & PARKING TILES



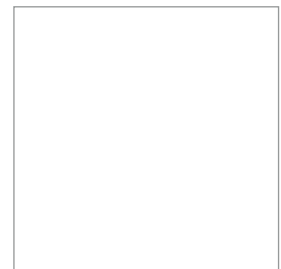
OPV ROCKY GREY



OPV ROCKY BLACK



OPV ROCKY BEIGE








Orient EC Cool Tiles

TECHNICAL SPECIFICATIONS

Pavers 300x300 (Plus Designs)

Packing Details			
Nominal Size (mm)	Location	Packing (Nos)	Coverage Area (m2)
300X300 (Plus Designs)	SKD	8	0.72

Characteristics	Test Method	Requirement as per IS 15622:2017 0.08<E≤3 (Group B Ib)		OBL Norms (SKD)
		Un-rectified	rectified	
Dimension & Surface Quality				
Deviation in Length & Width	IS 13630 (Part 1)	± 0.4 %	± 0.1 %	± 0.1 %
Deviation in Thickness		± 5.0 %		± 4.0 %
Straightness of Sides		± 0.3 %	± 0.1 %	± 0.1 %
Rectangularity		± 0.3 %	± 0.1 %	± 0.1 %
Surface Flatness		±0.5%		± 0.2 % 
Surface Quality		Min. 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of the tile		Conform
Physical Properties				
Water Absorption %	IS 13630 (Part 2)	Avg 0.08<E≤3%, Individual 3.3 % Max		Max 2% 
Modulus of Rupture in [N/mm ²]	IS 13630 (Part 6)	Avg 30, Individual 27 Min		Min 36 N/mm ² 
Breaking Strength in N	IS 13630 (Part 6)	700 Min for thickness <7.5 MM, 1100 Min for thickness ≥ 7.5 MM		Min 2000 N 
Moisture Expansion	IS 13630 (Part 3)	0.02 Max		Conform
Scratch Hardness (Moh's Scale)	IS 13630 (Part 13)	5 Min		Min 6 
Resistance to Surface abrasion of glaze tiles Class I to V (Applicable for floor applications only)	IS 13630 (Part 11)	Class II Min		Class III to V (Depending on surface)
Linear thermal expansion Co-efficient	IS 13630 (Part 4)	7x10 ⁻⁵ , Max		Conform
Thermal Shock Resistance	IS 13630 (Part 5)	10 Cycles, Min		Conform
Crazing Resistance	IS 13630 (Part 9)	4 Cycles at 7.5 Bar, Min		Conform
Impact Resistance	IS 13630 (Part 14)	0.55, Min		Min 0.60
Bulk Density, in g/cc	IS 13630 (Part 2)	2.0, Min		2.2 Min
Frost Resistance	IS 13630 (Part 10)	Requires if agreed to between manufacturer and purchaser		Passes
Chemical Properties				
Resistance to staining of Glazed Tiles	IS 13630 (Part 8)	Class I Min		Min Class I
Resistance to Household Chemicals		Class AA, Min		Min Class AA
Resistance to acids and alkalis (Except HF)		Require If Agreed		Min Class AA

NOTE: Certain amount of Size and Shade variation is inherent in all ceramic products. Within the limits of printed material, the colors and aesthetics of the products correspond closely to those of illustrated products. Prospective customers are advised to inspect a sample of the tile before ordering and laying. At all points of time, the company liability is restricted to the purchase value of tiles.

Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to delete & change, any of the items, colors, sizes & technical specifications without any prior notice.

TECHNICAL SPECIFICATIONS Pavers & Cool Tiles

Packing Details

Size (In mm.)	No. of Tiles Per Carton	Covered Area Per Carton	
		(In Sq. Mtr.)	(In Sq. ft.)
300X300 (Digital/Non Digital)	10	0.9	9.69
300X300 (Cool Tile)	10	0.9	9.69

Characteristics	Test Method	Requirement as per IS 15622:2017 0.08<E≤3 (Group B Ib)		OBL Value
Dimension & Surface Quality				
Deviation in Length & Width	IS 13630 (Part 1)	± 0.4 %	± 0.1 %	± 0.1 %
Deviation in Thickness		± 5.0 %		± 4.0 %
Straightness of Sides		± 0.3 %	± 0.1 %	± 0.1 %
Rectangularity		± 0.3 %	± 0.1 %	± 0.1 %
Surface Flatness		±0.5%		± 0.2 % 😊😊
Surface Quality		Min. 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of the tile		Conform
Physical Properties				
Water Absorption %	IS 13630 (Part 2)	Avg 0.08<E≤3%, Individual 3.3 % Max		Max 2% 😊
Modulus of Rupture in [N/mm ²]	IS 13630 (Part 6)	Avg 30, Individual 27 Min		Min 36 N/nm ² 😊😊
Breaking Strength in N	IS 13630 (Part 6)	700 Min for thickness <7.5 MM, 1100 Min for thickness ≥7.5 MM		Min 1600 N 😊😊
Moisture Expansion	IS 13630 (Part 3)	0.02 Max		Conform
Scratch Hardness (Moh's Scale)	IS 13630 (Part 13)	5 Min		Min 6 😊
Resistance to Surface abrasion of glaze tiles Class I to V (Applicable for floor applications only)	IS 13630 (Part 11)	Class II Min		Class III to V (Depending on surface)
Linear thermal expansion Co-efficient	IS 13630 (Part 4)	7x10 ⁻³ , Max		Conform
Thermal Shock Resistance	IS 13630 (Part 5)	10 Cycles, Min		Conform
Crazing Resistance	IS 13630 (Part 9)	4 Cycles at 7.5 Bar, Min		Conform
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Resistance to acids and alkalis (Except HF)		Require If Agreed		Min Class AA

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CORPORATE OFFICE:

Iris House, 16 Business Centre,
Nangal Raya, New Delhi-110046, India
Tel: +91-11-47119100, Fax: +91 -11-2852 1273

REGISTERED OFFICE:

8 Industrial Area, Sikandrabad-203 205 (UP), India
Tel: +91-5735-222-203 / 24, +91-8191004575/ 76
Fax: +91 -5735 222 642

CUSTOMER CARE:

customercare@orientbell.com
Missed Call : 87507 11111
Whatsapp : 87507 33333

CIN: L14101UP1977PLC021546

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