







### **About OBL**

Orient Bell Limited (OBL) is amongst the largest manufacturers of Wall and Floor Tiles. Established in 1977, OBL has been a pioneer in the Industry with a focus on customer-centric innovation.

First to manufacture ultra-vitrified tiles, new product designs & development is a continuous process at OBL. As a result it has an extensive range of tiles with various finishes & textures. It has 4 patent-pending technologies: Forever Tiles, GermFree Tiles, Cool Tiles & Life Tiles.

To display extensive range of tiles, we have a chain of signature showrooms. Privileged to be associated with premier architects and construction agencies of the country, it also counts most leading developers as well as government & public sector institutions as its customers.



- The ISO 9001:2015 accreditation for our quality control management systems reflects the quest for manufacturing international standard products.
- In 2015 our Sikandarabad plant was awarded with prestigious ISI certification for its products.
- In May 2000, OBL was awarded ISO 14001 certification by the internationally recognised BSI Management Systems, UK.
- Our manufacturing units are ISO 14001:2015 certified, the most complete and global expression for an environment friendly industrial company.
- We have been awarded OHSAS 18001 Certification for Health & Safety Standards.
   No waste water is ever discharged from our factory.
- We were also awarded with "Certificate Of Merit" in 'National Energy Conservation Award' 2016 organised by Ministry of Power for saving Power and Fuel consumption.





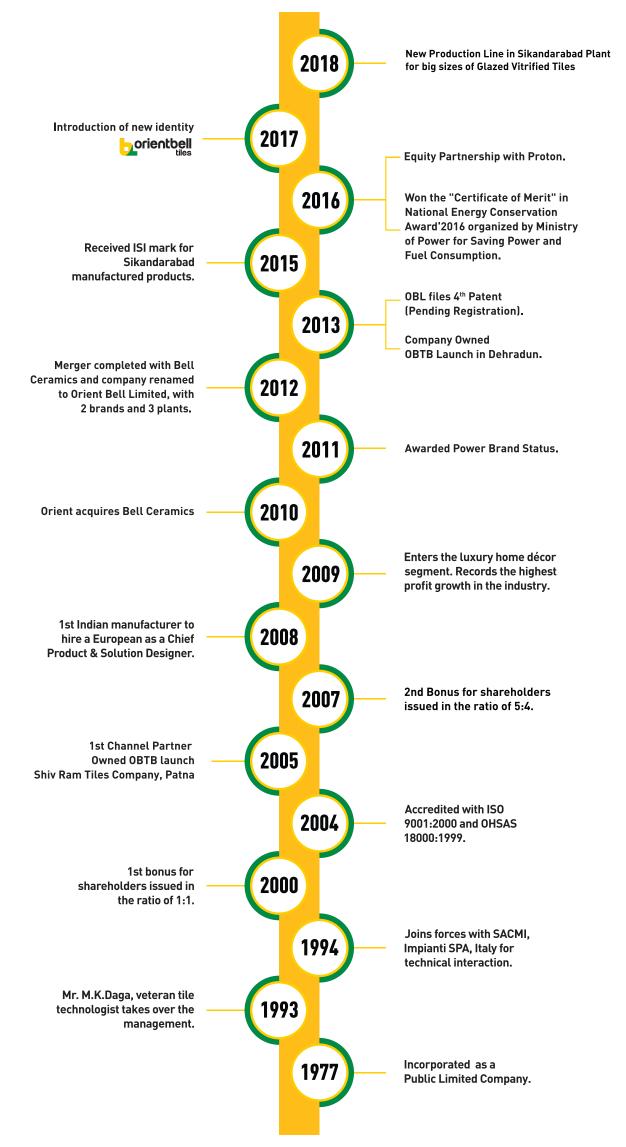












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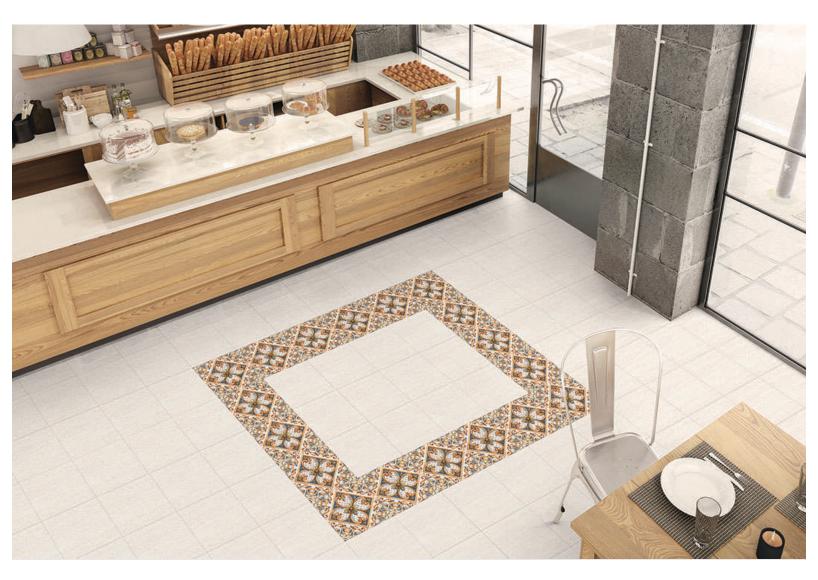
"Sanskriti range brings to life unique colors inspired by art and paintings from our heritage made with color pigments from natural minerals."

Disclaimer: The complexity in manufacturing Sanskriti Tiles may replicate variations in shade and colour across various batches.

Minimum Order Qty. - 200 Boxes. Please plan a lead time of 45 days for delivery.













SANSKRITI CREMA

Digital Ceramic Tiles







SANSKRITI CREMA

























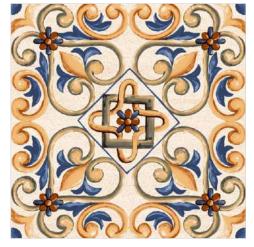
DASTKAR MULTI



SANSKRITI CREMA

Digital Ceramic Tiles









SANSKRITI CREMA











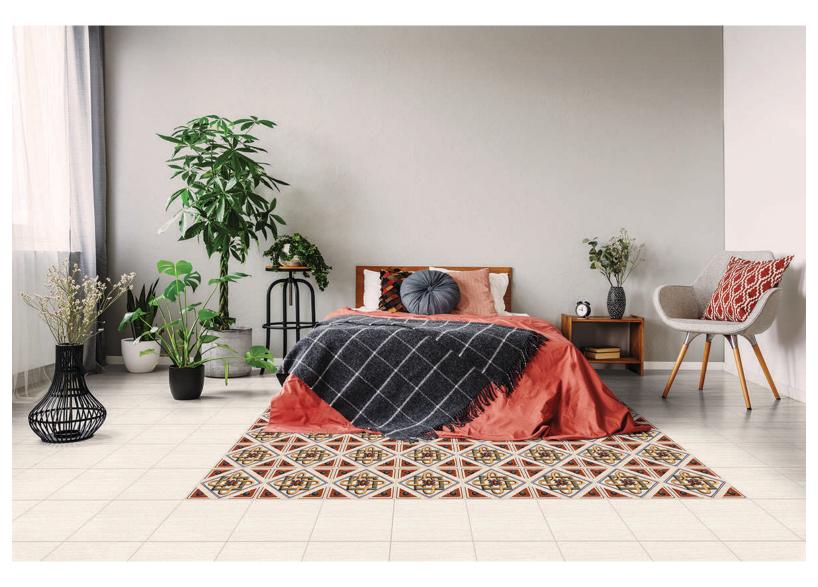












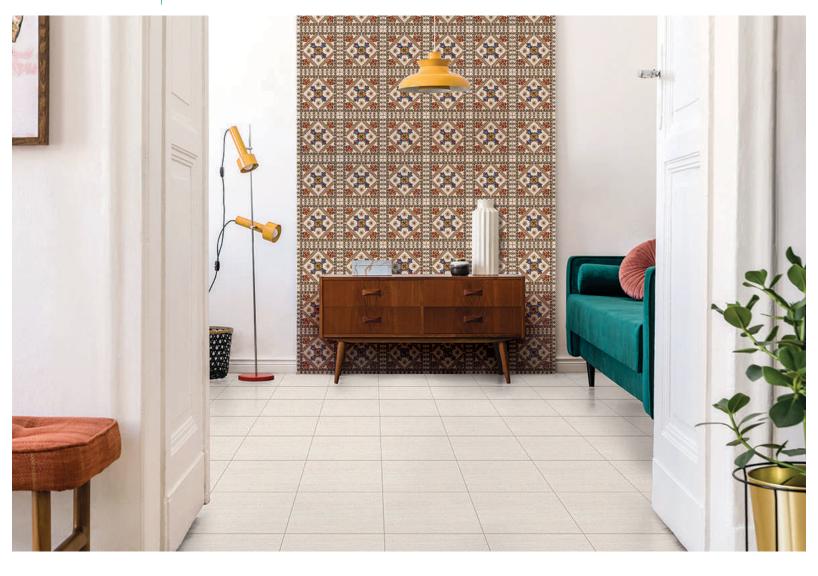


DASTKAR RUST



SANSKRITI CREMA

Digital Ceramic Tiles









SANSKRITI CREMA























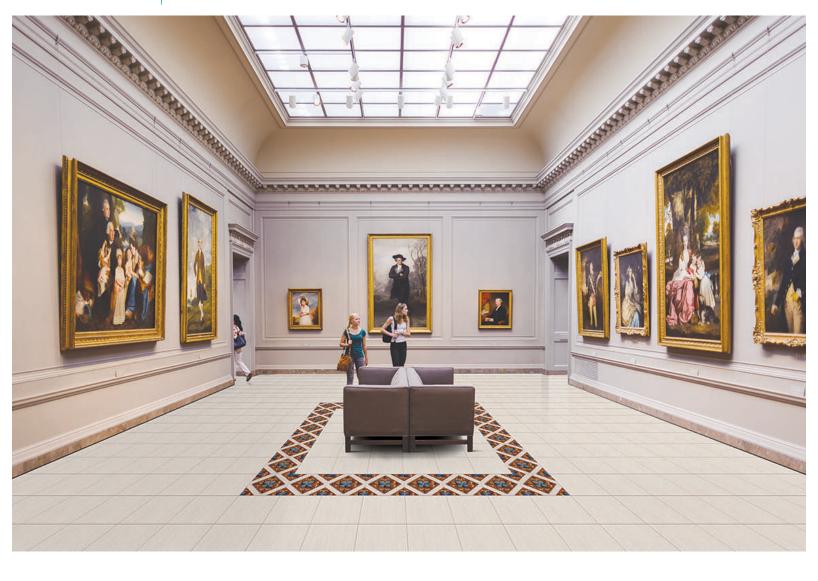




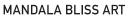


SANSKRITI CREMA

Digital Ceramic Tiles









SANSKRITI CREMA











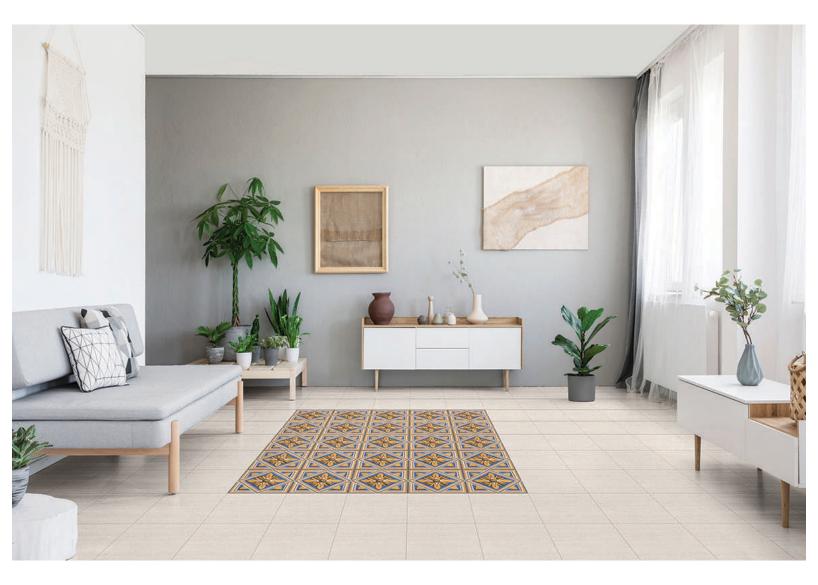


















SANSKRITI CREMA

Digital Ceramic Tiles









SANSKRITI BLUE











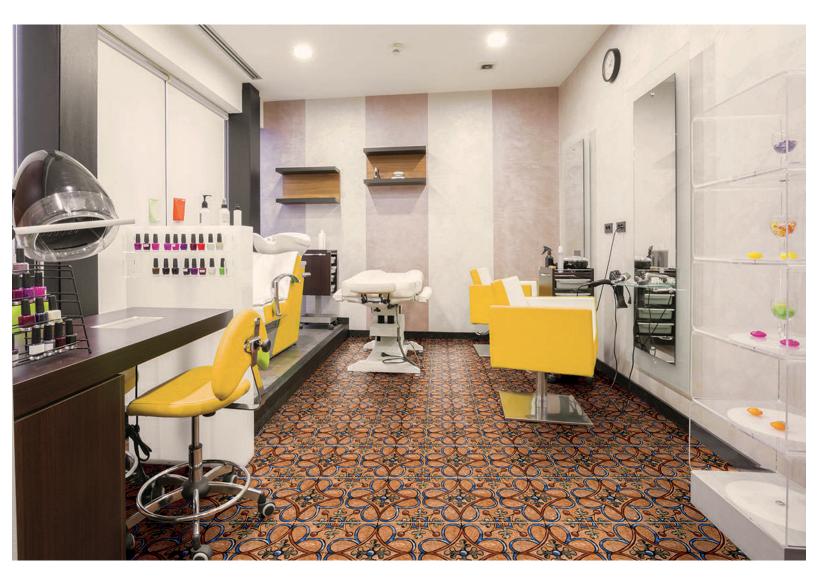












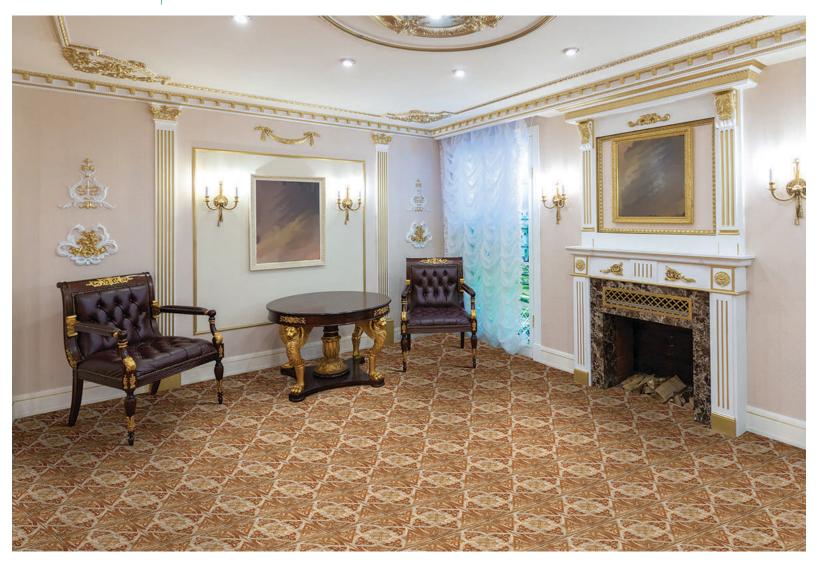






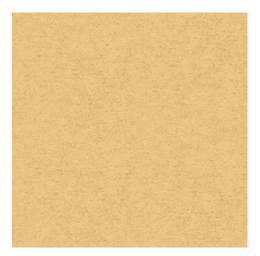
SANSKRITI BLUE

Digital Ceramic Tiles









SANSKRITI BEIGE

















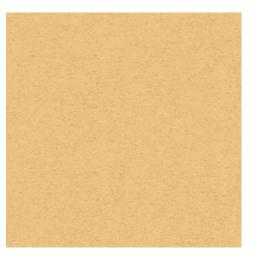






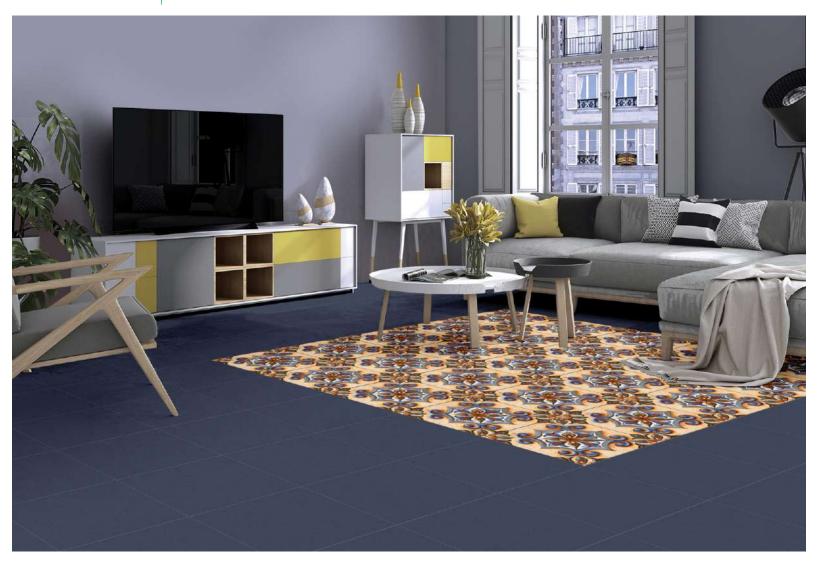






SANSKRITI BEIGE

Digital Ceramic Tiles









SANSKRITI BLUE























AJRAK ART



SANSKRITI CREMA

Digital Ceramic Tiles



KHATAMKARI ART



SANSKRITI CREMA

















# TECHNICAL SPECIFICATIONS

# Digital Ceramic Tiles

	Packing Detai	ls
Size	No. of Tiles Dev Conten	Covered Area Per Carton
(In mm.)	No. of Tiles Per Carton	( In Sq. Mtr. )
300X300 (SKD Floor)	12	1.08

	(E > 10 % Group B III)	as per IS 15622:20	017		
Characteristics	Standard Test Method	IS 15622:2017 E > 10 % ( Group B III)		OBL Norms	
Dimension & Surface Quality		Unrectified	Rectified		
Deviation in Length & Width		± 0.4%	± 0.1 %	± 0.1 %	
Deviation in Thickness		± 5.0 %  ± 0.2 %  ± 0.15 %  ± 0.3 %  ± 0.5 %  Min 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of the tile		± 4.00 %	
Straightness of Sides				± 0.1 %	
Rectangularity	IS 13630 Part 1			± 0.1 %	
Surface Flatness				± 0.2 %	⊕ ⊕
Surface Quality				Conforms	
Physical Properties					
Water Absorption (%)	IS 13630 Part 2	Average 3 < E ≤6 %, Individual 6.2% Max.  Average 22, individual 20, Min.  600 Min for thickness <7.5mm, 1000 Minimum for Thickness ≥7.5 mm		3-6%	
Modulus of Rupture in [N/mm²]	IS 13630 Part 6			Min 30 N/mm2	
Breaking Strength in N	IS 13630 Part 6			Min 700 N	
Moisture Expansion in mm/m	IS 13630 Part 3	0.03, Max		Conforms	
Scratch Hardness of Surface (Moh's Scale)	IS 13630 Part 13	4,	Min	Min 4	
Resistance to Surface Abrasion of Glazed Tiles (Class I to V) (Applicable for floor applications a only)	IS 13630 Part 11	Class	II, Min	Class II to IV (Depending on surface)	
Linear thermal expansion Co-efficient	IS 13630 Part 4	9x10°, Max 10 cycles, Min		Conforms	
Thermal Shock Resistance	IS 13630 Part 5			Passed	
Crazing Resistance	IS 13630 Part 9	4 Cycles@7.5 bar, Min		Passed	
Impact Resistance	IS 13630 Part 14	0.55, Min		>0.60	
Frost Resistance	IS 13630 Part 10		reed to between and purchaser	Passed	
Chemical Properties					
Resistance to Staining of Glazed Tiles		Class I, Min		Min class 1	
Resistance to Household Chemicals	Class AA, Min Min clas		Class AA, Min		
Resistance to acid and alkalis (Except HF)	- IS 13630 Part 8	Required, if agreed		Min class AA	

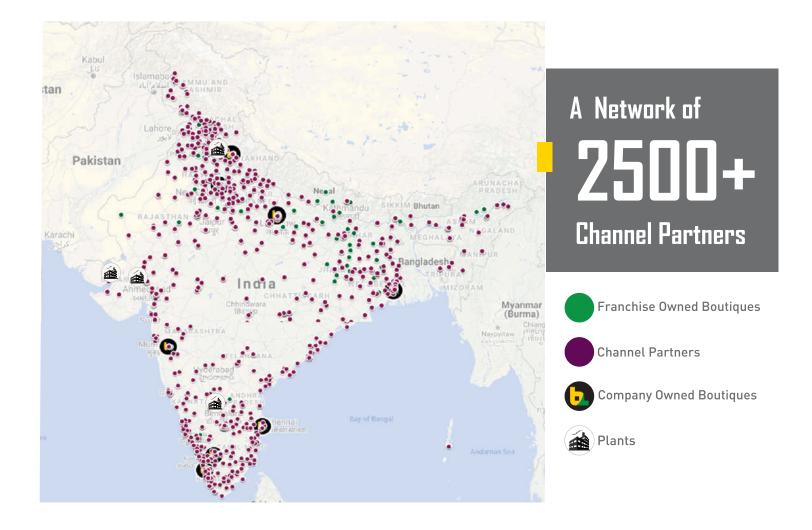
**NOTE:** Certain amount of Size and Shade variation is inherent in all ceramic products. Colours shown in this catalog are as accurate as the limitations of the printing process will allow. Prospective customers are advised to inspect a sample of the tile before ordering. Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to change the specification before prior notice. Sometimes variations in shade or size being inherent to ceramic industry may occur. It is suggested to check the tiles before purchasing and laying as the company does not accept the responsibility once the tiles are laid.

# TECHNICAL SPECIFICATIONS Ceramic Tiles

	Packing Details	
Size	No. of Tiles	Covered Area Per Carton
( In mm. )	Per Carton	( In Sq. Mtr. )
295X295 (Floor Tiles) (HSK)	10	0.87

haracteristics	Testing Methods	Required as per IS 15622:2017 3 < E ≤ 6 % ( Group B II a)	OBL Norms
Dimension & Surface Quality		Rectified	
Deviation in Length & Width		± 0.1 %	Conforms
Deviation in Thickness		± 5.0 %	±4.0%
Straightness of Sides	IS 13630 Part 1/	± 0.1 %	Conforms
Rectangularity	ISO 10545-2	± 0.1 %	Conforms
Surface Flatness		± 0.5 %	± 0.3 %
Surface Quality		Min. 95 % tiles should be free from visible defects	Conforms
Physical Properties			
Water Absorption	IS 13630 Part 2/ ISO 10545-3	Avg 3 < E ≤ 6, Individual Max,6.2	5-6%
Modulus of Rupture in [N/mm²]		Avg 22, Individual 20, Min	>28
Breaking Strength in N	IS 13630 Part 6/ ISO 10545-4	< 7.5 mm thickness: 600, Min ≥ 7.5 mm thickness: 1000, Min	>1000
Moisture Expansion in mm/m	IS 13630 Part 3	0.03, Max	0.02
Scratch Hardness of Surface (Mohs)	IS 13630 Part 13	4, Min	Min 5
Resistance to Surface Abrasion of glazed tiles (Class I to V)	IS 13630 Part 11/ ISO 10545-7	Class II, Min	Class IV
Co-efficient of Linear Thermal Expansion from ambiant temperature to 100°C	IS 13630 Part 4/ ISO 10545-8	9x10°K¹,Max	Conforms
Thermal Shock Resistance	IS 13630 Part 5	10 cycles, Min	Passed
Crazing Resistance	IS 13630 Part 9/ ISO 10545-9	4 Cycles@7.5 bar, Min	Passed
Frost Resistance	IS 13630 Part 10	Required, if agreed	NA
mpact resistance- Coefficient of restitution	IS 13630 Part 14	0.55, Min	Conforms
Chemical Properties			
Stain Resistance	IS 13630 Part 8/	Class I, Min	Conforms
Resistance to household chemicals		Class AA, Min	Conforms
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	ISO 10545-13 and ISO 10545-14	Required, if agreed	Min Class AA

**NOTE:** Certain amount of Size and Shade variation is inherent in all ceramic products. Colours shown in this catalog are as accurate as the limitations of the printing process will allow. Prospective customers are advised to inspect a sample of the tile before ordering. Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to change the specification before prior notice. Sometimes variations in shade or size being inherent to ceramic industry may occur. It is suggested to check the tiles



### **ORIENT BELL TILE BOUTIQUE**

### **CHANDIGARH**

SCO - 6, First Floor, Sector 7-C, Madhya Marg, Chandigarh-160 019, Tel.: +91 172 4624 342

New No: 85, Old No: 30, Maharaja Tower, 2nd Floor, 1st Avenue, Ashok Nagar, (Above Kotak Mahindra Bank), Chennai-600 083, Tel.: +91 44 4213 8687

# **COCHIN**

"SURYA GAYATRI", Building No. 32/8, B3, Puthiya Road, New Junction, (Opposite Holiday Inn Hotel) Ernakulam By Pass Road, Cochin-682 031 Tel.: +91 97457 68058

### **COIMBATORE**

11, 1st Floor, Venkata Samy Road (East), R.S. Puram, Coimbatore-641 002, Tel.: +91 89799 41666

### **DEHRADUN**

Duggal Complex (Near Kamla Palace Hotel), GMS Road, Dehradun-248 001,

Tel.: +91 97197 01064

8/1, Burdwan Road, Alipore, Kolkata-700 027, Tel.: +91 33 4068 4046/7

Raj Rani Apartment, Ground Floor, Near Beej Nigam, Badhshah Nagar Railway Station, Lucknow-226 006, Tel.: +91 99847 86404

### **NEW DELHI**

M-47, GK-II, M Block, New Delhi-110 048, Tel.: +91 11 4068 7468/69

Shop No. 3 and 4, A Tower Vega Centre, C.T.S No. 710, Final Plot No. 401/1, Shankarasheth Road, Gultekdi, Swargate, Pune-411 037 Tel.: +91 73910 72247

### **VADODRA DISPLAY CENTRE**

78-79, 2nd Floor, Surya Kiran Complex, Beside Banker Heart Institute, Old Padra Road, Vadodara-390007, Gujarat

Tel.: +91 98254 14113



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