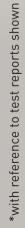


Scratch Free & Germfree



Go "Germfree" with Orientbell forever tiles



Forever Tiles

- 1. High Compact Sintered Body With Low Water Absorption
- 2. Special FT Glaze With Engobe & 2 Glaze Coatings
- 3. High Resolution Special FT Print
- 4. Special Formulated High Resistance FT Coating

Orientbell's Scratch Resistant Range-

In offices, airports and similar high traffic areas prone to rough use, scratch and abrasion resistance is desired. Orientbell's Forever Tiles are developed with such applications in mind. Orientbell has applied for a patent for corundum based coating composition as well as its method of applying it on the tiles.

^{*}GFT FT: Value based on internal tests conducted by Orient Bell following the MOHs scale of mineral hardness which characterizes scratch resistance on a scale of 1 to 10, the higher number being more scratch resistant.

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GFT BDF Arrow Bass Wood FT	04
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GFT BDF Royal Dyna Grey FT	06
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GFT BDF Sand Grey LT FT	10
GFT BDF Sand Ivory FT	11



















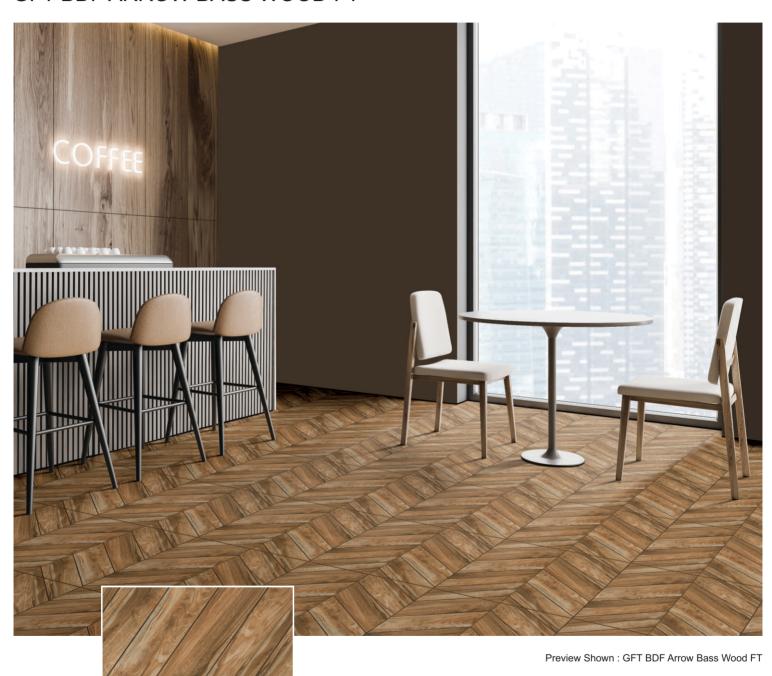
Listed on BSE (530365) for 20+ years. And also on NSE (ORIENTBELL).







GFT BDF ARROW BASS WOOD FT





GFT BDF ONYX WHITE FT



Preview Shown: GFT BDF Onyx White FT







GFT BDF ROYAL DYNA GREY FT



Preview Shown : GFT BDF Royal Dyna Greyi FT



GFT BDF DYNA CREMA FT



Preview Shown : GFT BDF Dyna Crema FT







GFT BDF CHIPS MULTI FT



Preview Shown : GFT BDF Chips Multi FT



GFT BDF SAND SILVER FT



Preview Shown : GFT BDF Sand Silver FT





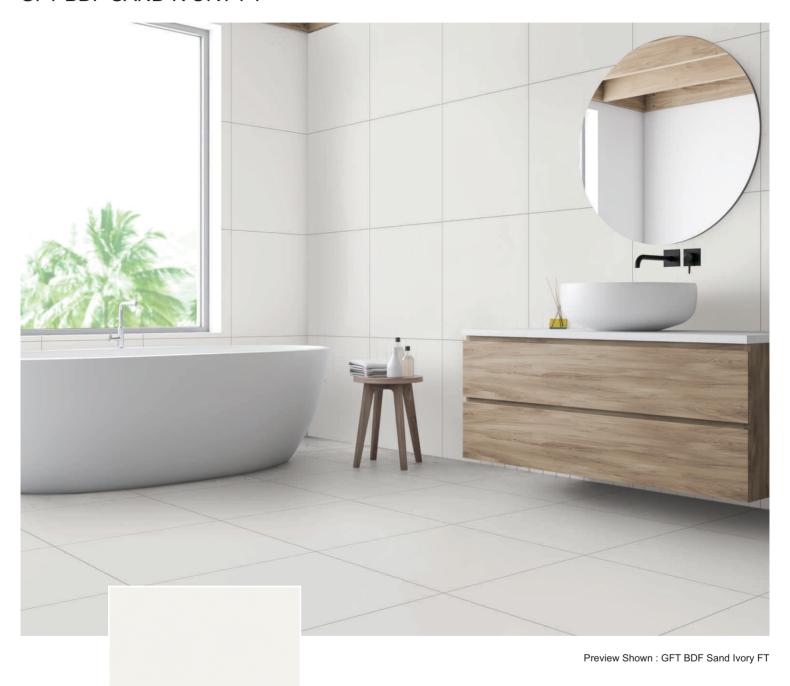


GFT BDF SAND GREY LT FT





GFT BDF SAND IVORY FT

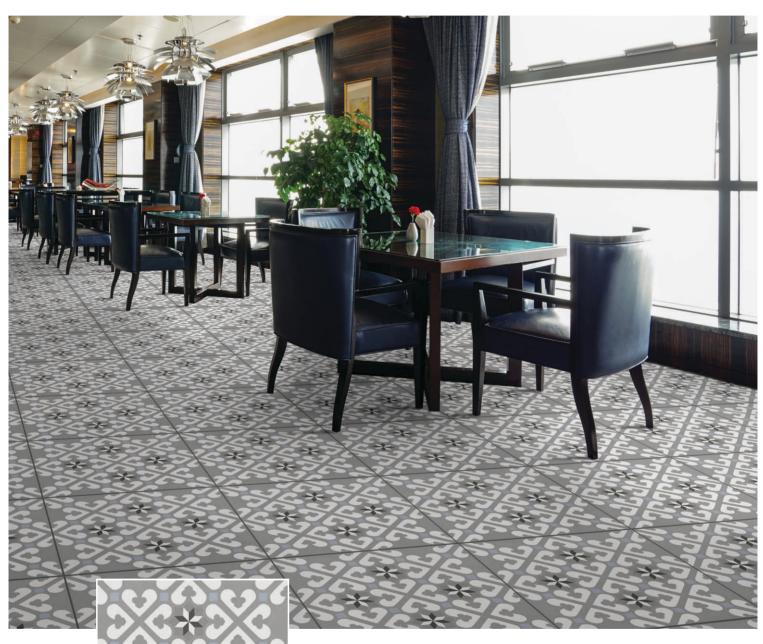








GFT BDF MOROCCAN ART GREY FT



Preview Shown: GFT BDF Moroccan Art Grey FT



GFT BDF MOROCCAN ART MULTI FT

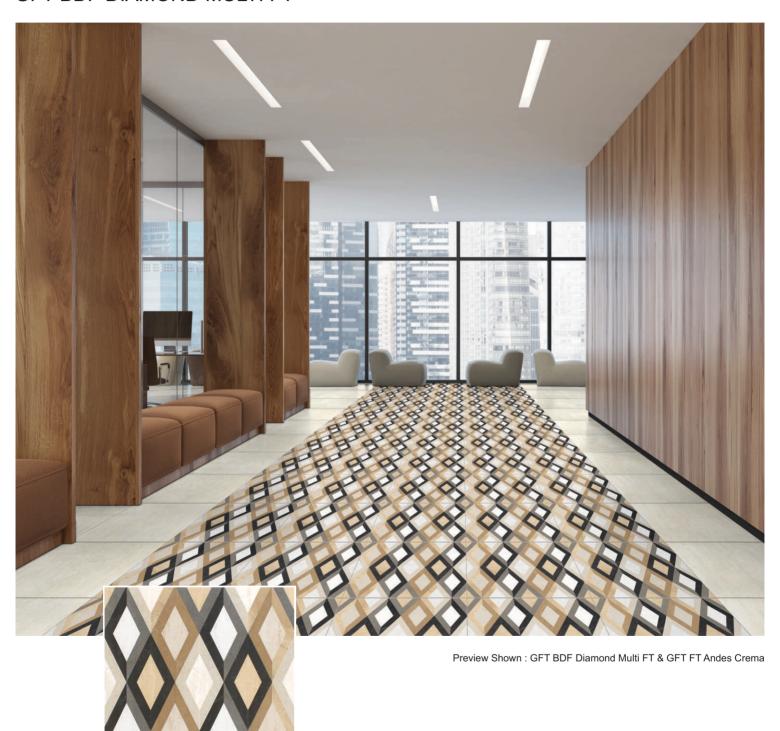








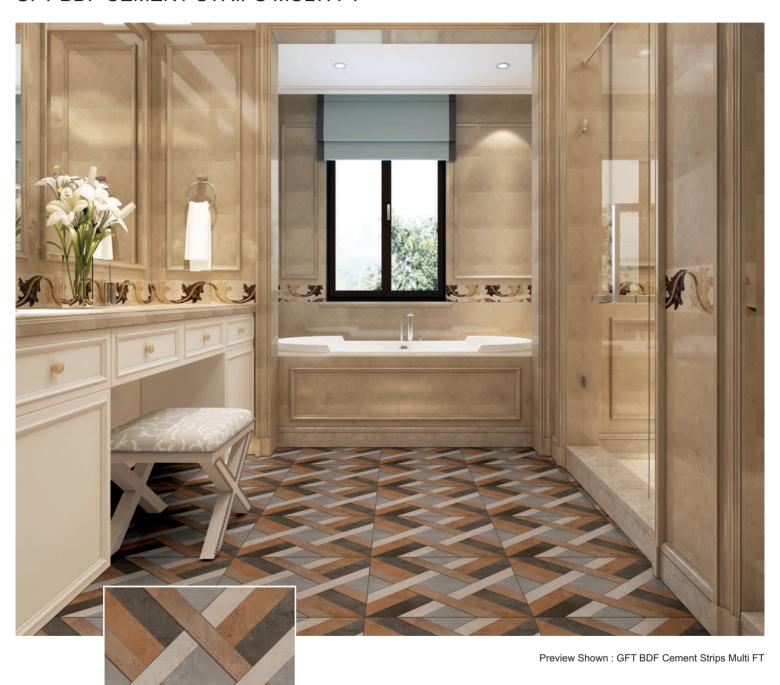
GFT BDF DIAMOND MULTI FT



Matt Finish



GFT BDF CEMENT STRIPS MULTI FT

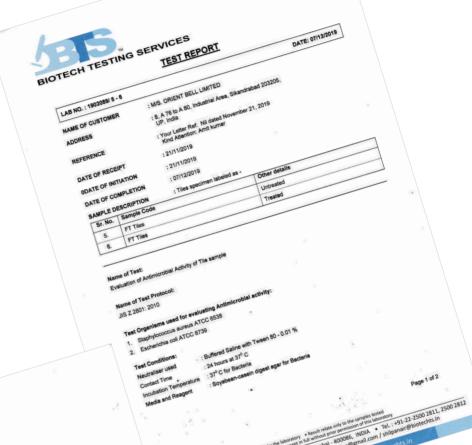


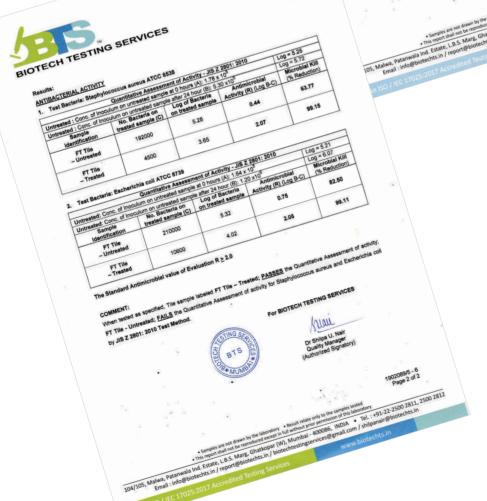
Test Reports of Germfree Tiles













TECHNICAL SPECIFICATIONS Forever Tiles

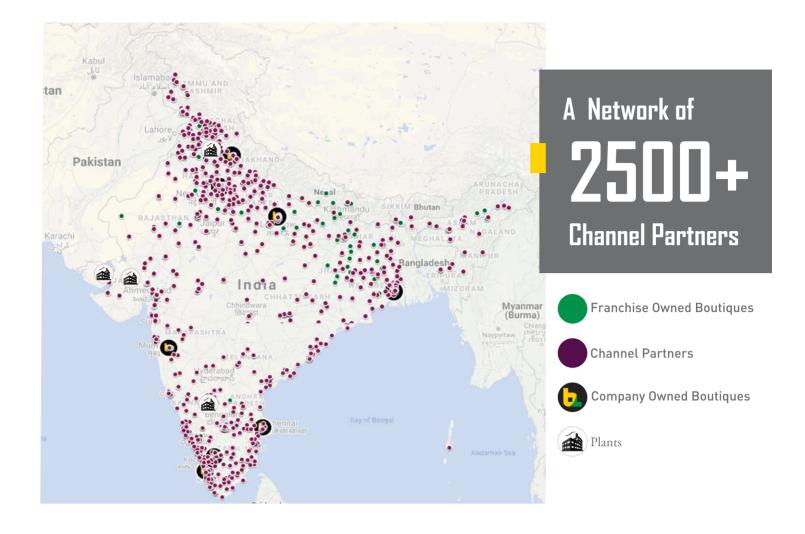
Packing Details				
Size	No. of Tiles	Covered Area Per Carton		
(In mm.)	Per Carton	(In Sq. Mtr.)	(In Sq. Ft.)	
600x600 (Dora)	4	1.44	15.5	

Characteristics	Standard as Per IS 15622:2017 Group B lb	OBL Norms	Testing Methods	
Dimension & Surface Quality				
Deviation in Length & Width	± 0.1 %	±0.05%		
Deviation in Thickness	± 5.0 %	±3.0%		
Straightness of Sides	± 0.1 %	±0.1%		
Rectangularity	± 0.1 %	±0.1%	IS 13630 Part 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	Conforms		
Physical Properties				
Water Absorption %	Avg 0.08 < E ≤ 3.0% , Individual 3.30% Max	Less than 3 %	IS 13630 Part 2	
Modulus of Rupture in N/mm²	Avg 30, Individual 27 Min	Min 33 N 😀 😉		
Breaking Strength N	700 Min for thickness < 7.5mm, 1100 Min for thickness ≥ 7.5 mm	1200 N Min 😃 😃	IS 13630 Part 6	
Moisture Expansion	0.02, Max	0.02 Max	IS 13630 Part 3	
Scratch Hardness (Moh's Scale)	5, Min	≅ 8*	IS 13630 Part 13	
Resistance to Surface Abrasion of glazed tiles Class I to V (Applicable for floor applications only)	Class II, Min	Class V	IS 13630 Part 11	
Linear thermal expansion Co-efficient	6x10 ⁻ , Max	Conforms	IS 13630 Part 4	
Thermal Shock Resistance	10 Cycles, Min	Passed	IS 13630 Part 5	
Crazing Resistance	4 Cycles at 7.5 Bar, Min	Passed ©	IS 13630 Part 9	
Impact Resistance	0.55, Min	0.6	IS 13630 Part 14	
Frost Resistance	Required if agreed to between manufacturer and purchaser	Resistant	IS 13630 Part 10	
Bulk density g/cc	2.0, Min	2.0, Min	IS 13630 Part 2	
Chemical Properties				
Stain Resistance Glazed tiles	Class I, Min	Class -1		
Resistance to household chemicals	Class AA, Min	Class AA	IS 13630 Part 8	
Resistance to acids and alkalis	Class AA, Min	Class AA		

^{*}GFT FT: Value based on internal tests conducted by Orient Bell following the MOHs scale of mineral hardness which characterizes scratch resistance on a scale of 1 to 10, the higher number being more scratch resistant.

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.



ORIENT BELL TILE BOUTIQUE

CHANDIGARH

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

CHENNAI

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

KOLKATA

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

LUCKNOW

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

PUNE

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



Making Tile Selection Easier



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www.orientbell.com

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