



Colour Inspirations

WALL TILES 2020

300x600 MM GLAZED VITRIFIED TILES



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.



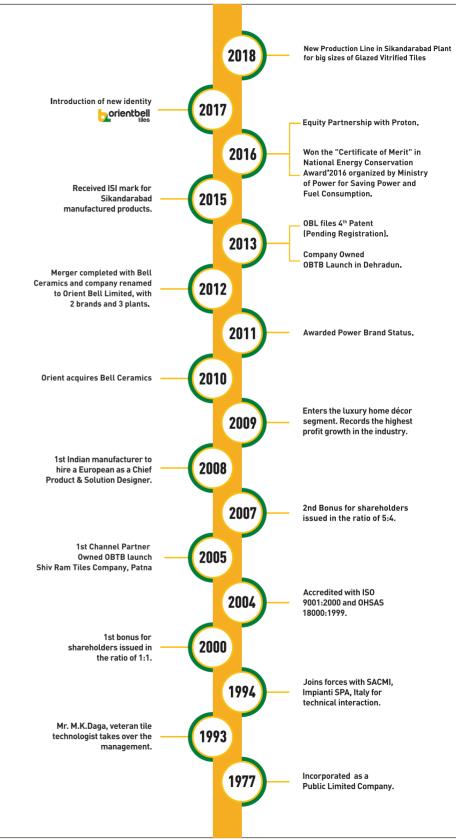














Tile Mural-Periodic Table



Tile Mural-Suryanamaskar

orientbell

Creating Solutions for Schools

There are 1.6+ million schools in India. The top 100 thousand schools benefit from the innovation trending in the education space.

However, for the 1 million schools at the bottom of the pyramid, the quality of basic education remains a challenge. Lack of textbooks, parent & student apathy compound the problem.

To make an impact on learning outcomes we designed tiles having educational content that is relevant for all classes. These tiles, applied as a mural on a classroom wall, create a positive learning environment as well as keep the walls looking clean with minimal maintenance requirements.

As a part of our CSR initiative, this unique range of educational tiles has revamped quite a few schools in Delhi, UP and Rajasthan. The impact makes the effort worthwhile.

Impact on Learning Outcomes

36%

in just 2 years

31% reduction in absenteeism, reduced from 53% to 12% in 2 years



- ✓ Creates an interactive learning experience
- ✓ Enables quick revision of topics
- ✓ Active visual learning while on the move.
- ✓ Increased retention of complex concepts
- ✓ Reduces violence & bullying in school premises.
- ✓ Scribble proof

^{*} Data collected from schools revamped by Orientbell as part of their CSR initiative.



Let your style shine brighter than even

GLAZED VITRIFIED TILES 300x600 MM MATTE | GLOSS



















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300x600 MM Glazed Vitrified Tiles

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ODM ZINGA GREY 01 ODM ZINGA PEARL 01

Code Description

ODH - Orientbell Digital Highlighter ODM - Orientbell Digital Matte ODG - Orientbell Digital Glossy

P - Punch

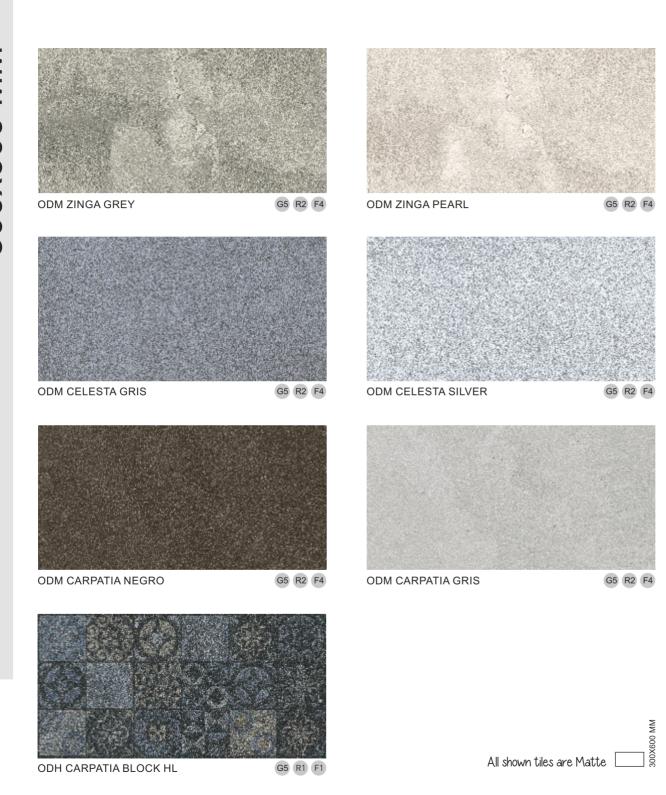
R1 - No Variation | R2 - Slight Variation R3 - More Variation | R4 - Most Variation

F1 - 1 Face | F2 - 2 Faces | F3 - 3 Faces | F4 - 4 Faces

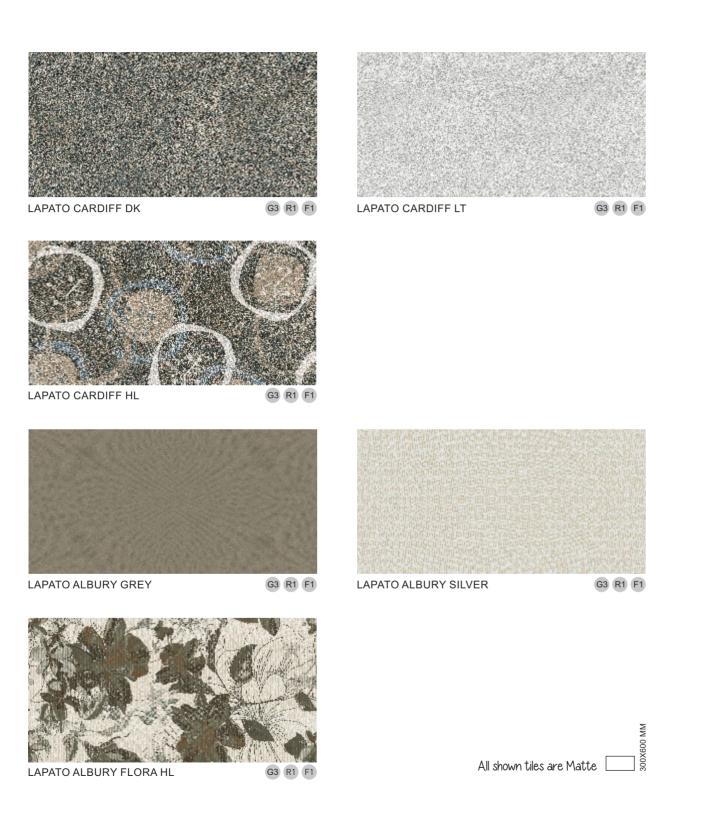
F5 - 5 Faces | F6 - 6 Faces | F7 - 7 Faces | F8 - 8 Faces

G1, G2, G3, G4, G5 (Grouping) are as per technical parameters

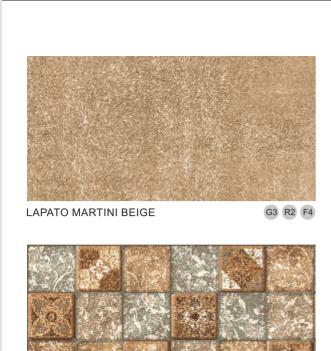














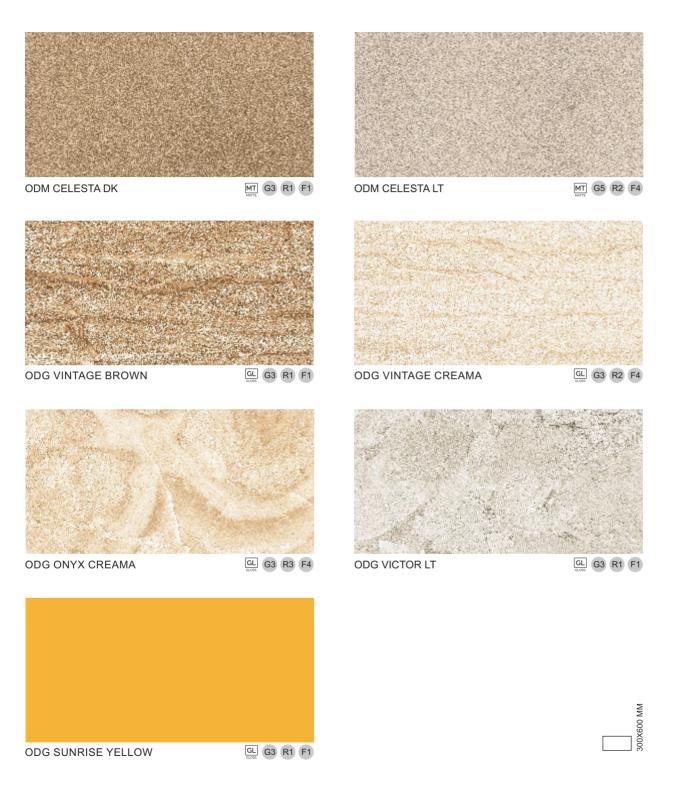














TECHNICAL SPECIFICATIONS Glazed Vitrified Tiles

| Packing Details | | | | | | |
|----------------------|-------------------------|-------------------------|----------------|--|--|--|
| Size | No. of Tiles Per Carton | Covered Area Per Carton | | | | |
| (In mm.) | | (In Sq. Mtr.) | (In Sq. Ft.) | | | |
| 300X600 (Wall Tiles) | 8 | 1.44 | 15.5 | | | |

| Gro | up B Ia as per ISO 130 | 006:2012 and Group B Ib as per IS 1562 | 22:2017 | | | |
|---|-------------------------|--|--|-----------|---|----------|
| Characteristics | Test Methods | Requirement as per ISO 13006 ≤ 0.5 Group B Ia | Requirement as per IS 15622:2017 0.08 <e 3%="" b="" group="" ib<="" th="" ≤=""><th>OBL Norms</th><th></th></e> | | OBL Norms | |
| Dimension & Surface Quality | | | Unrectified | Rectified | | |
| Deviation in Length & Width | | ±0.6% | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | ± 0.1 % | |
| Deviation in Thickness | | ±5% | | | ± 4 % | |
| Straightness of Sides | | ±0.5% | | | ± 0.1 % | |
| Rectangularity | IS 13630 (Part 1):2006 | ±0.5% | | | ± 0.1 % | |
| Surface Flatness | | ±0.5% | | | ± 0.2 % | 00 |
| Surface Quality | | Min. 95 % tiles shall be free from visible defects | | | Conforms | |
| Physical Properties | | | | | | |
| Water Absorption | IS 13630 (Part 2):2006 | Avg ≤ 0.5, Individual max, 0.6 | Avg 0.08 <e 3,="" 3.3,="" individual="" max<="" td="" ≤=""><td>Avg ≤ 0.5, Individual max, 0.6</td><td>⊕ €</td></e> | | Avg ≤ 0.5, Individual max, 0.6 | ⊕ € |
| Modulus of Rupture in [N/mm²] | IS 13630 (Part 6):2006 | Minimum 35, Individual 32, Min | Avg 30, Individual 27, Min | | Avg 38 Min, Individual 35, Min | ⊕ € |
| Breaking Strength in N | IS 13630 (Part 6):2006 | < 7.5 mm thickness: 700, Min ≥ 7.5 mm thickness: 1300, Min | < 7.5 mm thickness: 700, Min ≥ 7.5 mm thickness: 1100, Min | | 1500 Min | ⊕ € |
| Moisture Expansion in mm/m | IS 13630 (Part 3):2006 | Declare Value | 0.02, Max | | 0.02 | |
| Scratch Hardness of Surface (Moh's Scale) | IS 13630 (Part 13):2006 | NA | 5, Min | | 5 to 8 Depending on Design/Surface | : |
| Resistance to Surface Abrasion of Glazed Tiles (Class I to V) | IS 13630 (Part 11):2006 | Test Method Available | Class II, Min | | Class-III to Class-V Depending as per Design / Surface | |
| Co-efficient of Linear Thermal Expansion from Ambient Temperature to 100°C | IS 13630 (Part 4):2006 | Test Method Available | 7x10 ⁴ K¹, Max | | Conforms | |
| Thermal Shock Resistance | IS 13630 (Part 5):2006 | Test Method Available | 10 cycles, Min | | Passed | |
| Crazing Resistance | IS 13630 (Part 9):2006 | Test Method Available | 4 Cycles@7.5 bar, Min | | 4 Cycle @ 7.5 Bar Min | 00 |
| Frost Resistance | IS 13630 (Part 10):2006 | Required | Required | | Resistance | |
| Bulk Density, in (g/cc) | IS 13630 (Part 12):2006 | NA | 2.0, Min | | > 2.1 | |
| Impact Resistance- Coefficient of Restitution | IS 13630 (Part 14):2006 | Manufacturer to State | 0.55, Min | | 0.7-0.85 | |
| Chemical Properties | | | | | | |
| Resistance to Staining of Glazed Tiles | | Min, Class 3 | Class I, Min | | Class-1 to 2 Depending on Surface | |
| Resistance to Household Chemicals | IS 13630 (Part 8):2006 | Min, GA | Class AA, Min | | Class AA, Min | |
| Resistance to Acids and Alkalis (with exception of hydrofluoric acid and its compounds) | | Test Method Available | Required, if agreed | | Resistance | |

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

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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-390 007, Gujarat Tel.: +91 98254 14113

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Listed on BSE (530365) for 20+ years. And also on NSE (ORIENTBELL). CIN: L14101UP1977PLC021546

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