

Pooja Room Tiles

300x450mm Ceramic 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.

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300X450mm GLOSSY

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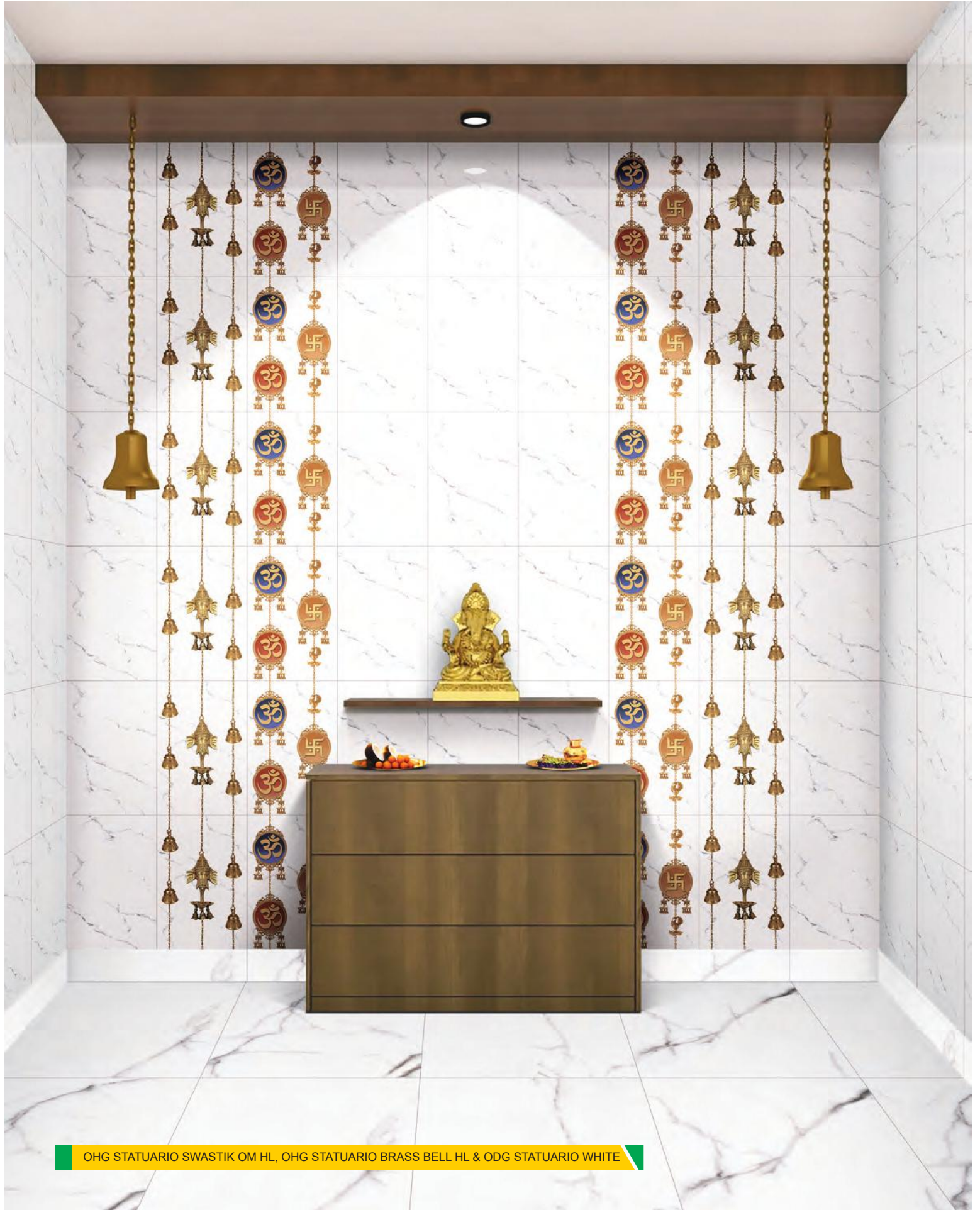
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Pooja Room Tiles

300x450mm Gloss Finish



OHG STATUARIO SWASTIK OM HL, OHG STATUARIO BRASS BELL HL & ODG STATUARIO WHITE



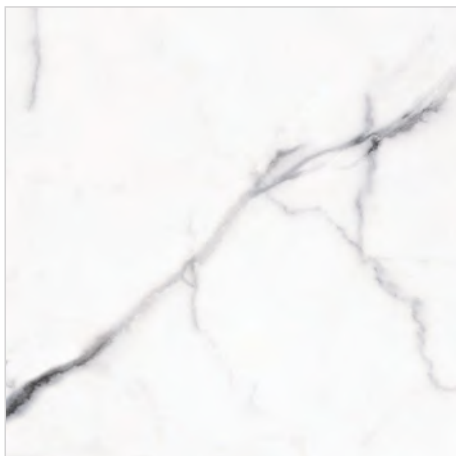
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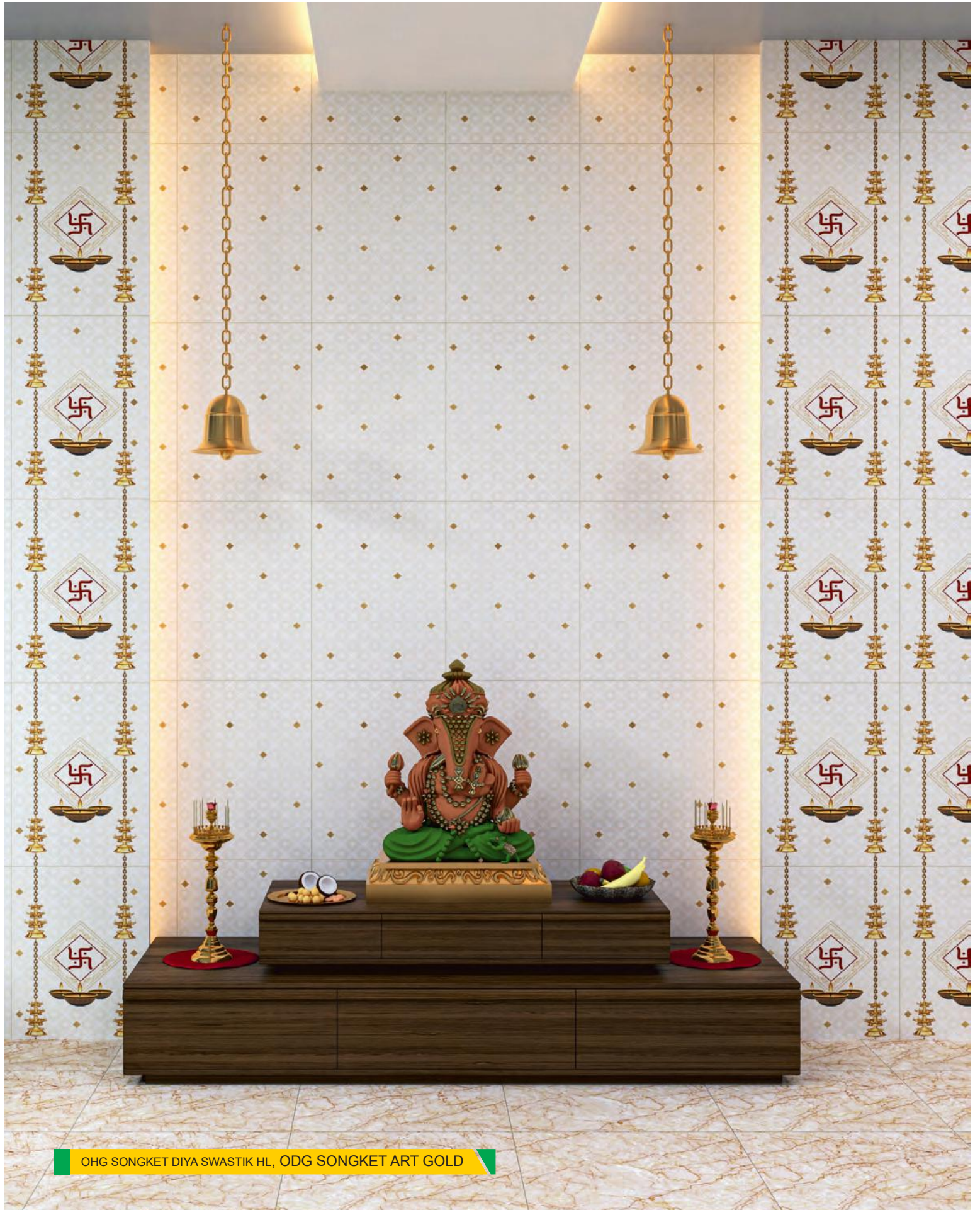


PGVT CARARA ELEGANCE



Pooja Room Tiles

300x450mm Gloss Finish



OHG SONGKET DIYA SWASTIK HL, ODG SONGKET ART GOLD



OHG SONGKET KALASH SWASTIK HL



OHG SONGKET SWASTIK OM HL



OHG SONGKET DIYA SWASTIK HL



ODG SONGKET ART GOLD

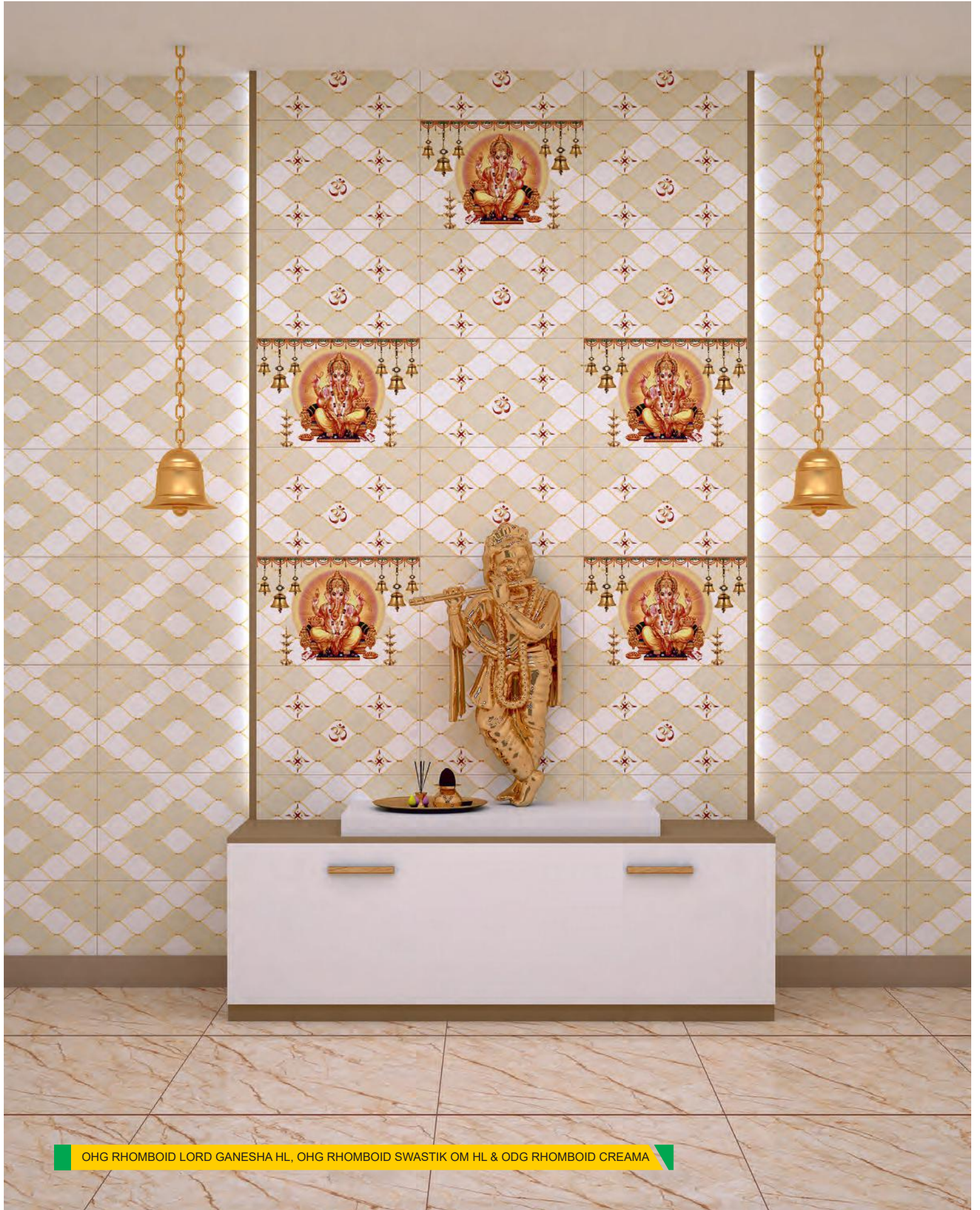


PGVT MORACCO BEIGE



Pooja Room Tiles

300x450mm Gloss Finish



OHG RHOMBOID LORD GANESHA HL, OHG RHOMBOID SWASTIK OM HL & ODG RHOMBOID CREAMA



OHG RHOMBOID LORD GANESHA HL



OHG RHOMBOID SWASTIK OM HL



ODG RHOMBOID CREAMA



PGVT SOFITEL GOLD VEIN MARBLE








Packing Details					
Size	No. of Tiles	Covered Area Per Carton		No of Box per layer	No of layer per pallet
(In mm.)	Per Carton	(In Sq. Mtr.)	(In Sq. Ft.)		
300x450 mm	6	0.81	8.716	32	3

(E > 10 % Group B III) as per IS 15622:2017				
Characteristics	Standard Test Method	IS 15622:2017 E > 10 % (Group B III)		OBL Norms
Dimension & Surface Quality		Unrectified	Rectified	
Deviation in Length & Width	IS 13630 (Part 1):2006	± 0.4%	± 0.2 %	Conforms
Deviation in Thickness		± 5.0 %		± 3.00 %
Straightness of Sides		± 0.2 %	± 0.15 %	Conforms
Rectangularity		± 0.3 %	± 0.2 %	Conforms
Surface Flatness		± 0.3 %		± 0.20 % 😊😊
Surface Quality		Min. 95 % tiles shall be free from visible defects		Min. 95 % tiles shall be free from visible defects
Physical Properties				
Water Absorption (%)	IS 13630 (Part 2):2006	Average > 10 %		15±2 % 😊
Modulus of Rupture in [N/mm ²]	IS 13630 (Part 6):2006	Min 15, for thickness < 7.5 mm Min 12, for thickness ≥ 7.5 mm		>15 😊
Breaking Strength in N	IS 13630 (Part 6):2006	< 7.5 mm thickness: 200, Min ≥ 7.5 mm thickness: 600, Min		Conforms 😊
Moisture Expansion in mm/m	IS 13630 (Part 3):2006	0.04, Max		Conforms
Scratch Hardness of Surface (Moh's Scale)	IS 13630 (Part 13):2006	3, Min		>3
Resistance to Surface Abrasion of Glazed Tiles (Class I to V)	IS 13630 (Part 11):2006	Class II, Min		Conforms
Co-efficient of Linear Thermal Expansion from Ambient Temperature to 100°C	IS 13630 (Part 4):2006	9x10 ⁻⁶ K ⁻¹ , Max		Conforms
Thermal Shock Resistance	IS 13630 (Part 5):2006	10 cycles, Min		Passed 10 Cycle
Crazing Resistance Glazed Tiles	IS 13630 (Part 9):2006	4 Cycles@7.5 bar, Min		4 Cycle Passed 😊😊
Impact Resistance- Coefficient of Restitution	IS 13630 (Part 14):2006	0.55, Min		>0.55
Chemical Properties				
Resistance to Staining of Glazed Tiles	IS 13630 (Part 8):2006	Class I, Min		Conforms
Resistance to Household Chemicals		Class AA, Min		Conforms
Resistance to Acids and Alkalis (with exception of hydrofluoric acid and its compound)		Required, if agreed		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.

Packing Details					
Size	No. of Tiles	Covered Area Per Carton		No of Box per layer	No of layer per pallet
(In mm.)	Per Carton	(In Sq. Mtr.)	(In Sq. Ft.)		
600x600 mm	4	1.44	15.5	28	1

Group B Ia as per ISO 13006:2012 and Group B Ib as per IS 15622:2017					
Characteristics	Test Methods	Requirement as per ISO 13006 ≤ 0.5 Group B Ia	Requirement as per IS 15622:2017 0.08<E ≤ 3% Group B Ib		OBL Norms
			Unrectified	Rectified	
Dimension & Surface Quality	IS 13630 (Part 1):2006				
Deviation in Length & Width		±0.6%	± 0.4%	± 0.1 %	± 0.1 %
Deviation in Thickness		±5%	± 5.0 %		± 4 %
Straightness of Sides		±0.5%	± 0.3 %	± 0.1 %	± 0.1 %
Rectangularity		±0.5%	± 0.3 %	± 0.1 %	± 0.1 %
Surface Flatness		±0.5%	± 0.5 %		± 0.2 % 
Surface Quality		Min. 95 % tiles should be free from visible defects	Min. 95 % tiles should 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, Individual 3.3, Max		Avg ≤ 0.5, Individual max, 0.6
Modulus of Rupture in [N/mm ²]	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 ⁻³ K ⁻¹ , 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 
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	IS 13630 (Part 8):2006	Min, Class 3	Class I, Min		Conforms
Resistance to Household Chemicals		Min, GA	Class AA, Min		Conforms
Resistance to Acids and Alkalis (with exception of hydrofluoric acid and its compounds)		Test Method Available	Required, if agreed		Conforms

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.

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