



**orientbell**  
tiles



**RHINO SHIELD**

400x400mm PARKING TILES

[www.orientbell.com](http://www.orientbell.com)



## OBL Awards & Accolades

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



**Indian Digital Marketing 2023**  
Best use of social media



**Brand of The Year 2023**  
(Flooring Idea-Tiles & Ceramic)



**e4m Pride of India Brands 2022**  
(The Best Of Bharat Conference & Awards)



**Website of The Year 2022**  
for www.orientbell.com  
(India's construction & design industry)



**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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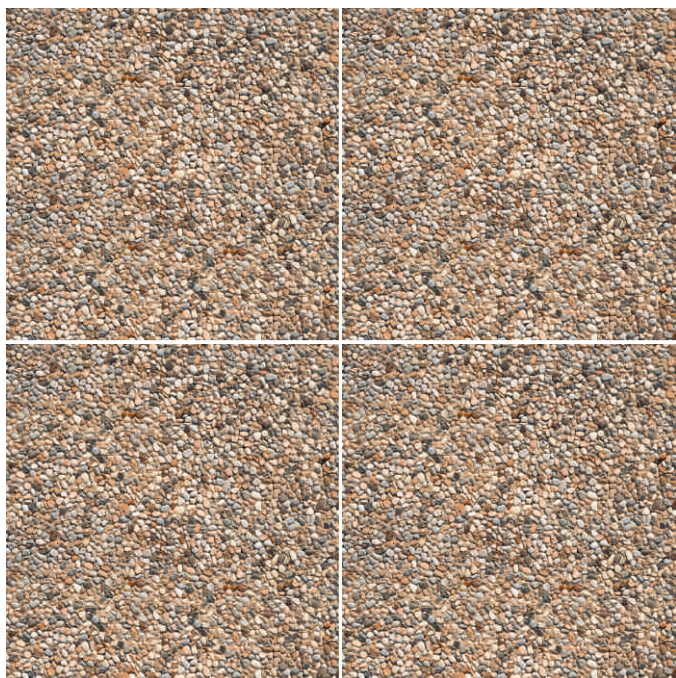


Glitter Effect



HRP GRAVEL MULTI

LAYING PATTERN



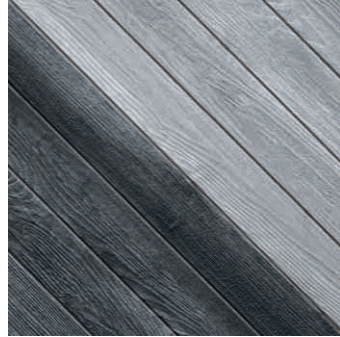


Glitter Effect



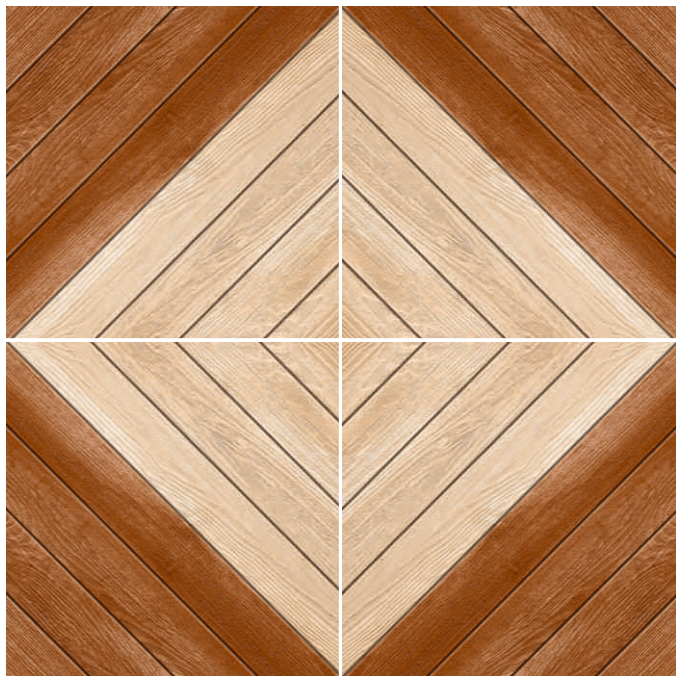
HRP BROWN DIAGONALS  
WOOD

Glitter Effect



HRP GREY DIAGONALS  
WOOD

LAYING PATTERN







HRP PEANUT SAND



HRP CHOCO SAND

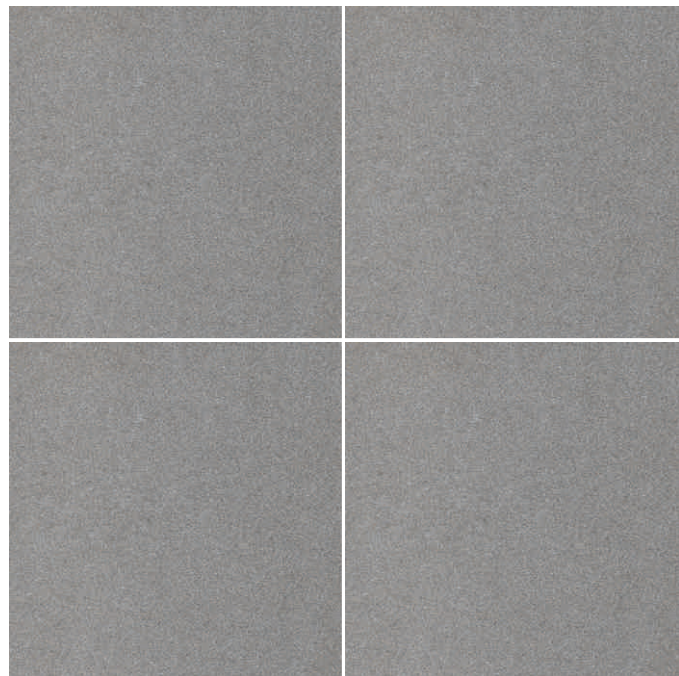


HRP ASH SAND



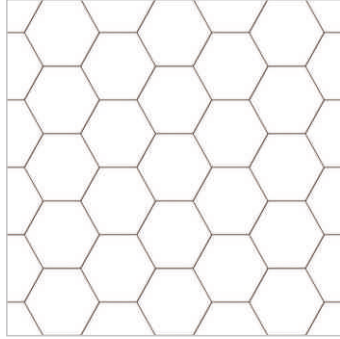
HRP CHARCOAL SAND

LAYING PATTERN



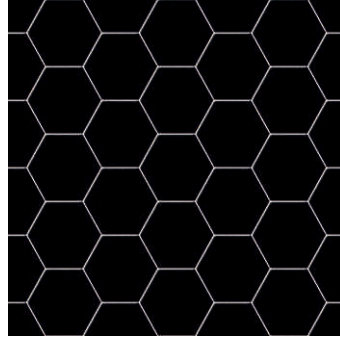


Glitter Effect



HRP WHITE HEXAGON

Glitter Effect



HRP BLACK HEXAGON

Glitter Effect



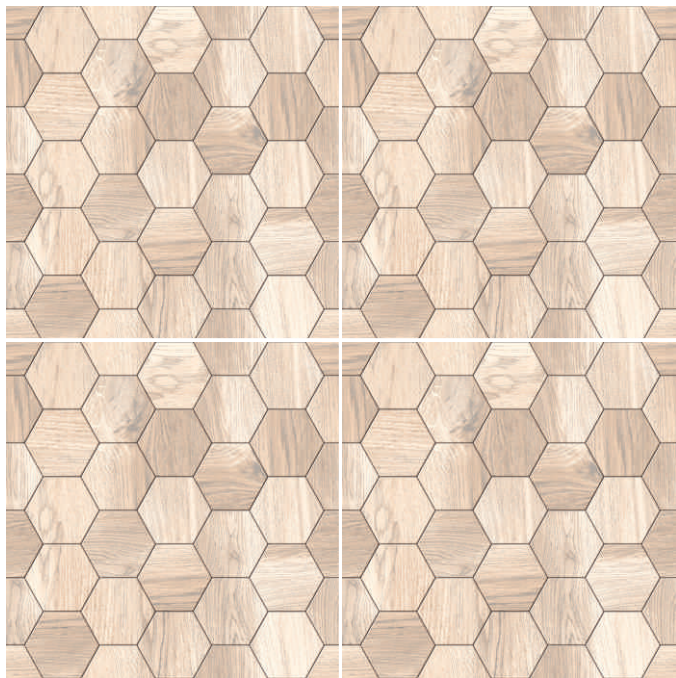
HRP BEIGE HEXAGON  
WOOD

Glitter Effect



HRP BROWN HEXAGON  
WOOD

LAYING PATTERN



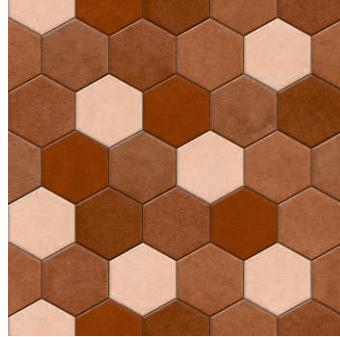


Glitter Effect



HRP CHARCOAL HEXAGON  
STONE

Glitter Effect



HRP COTTO HEXAGON  
STONE

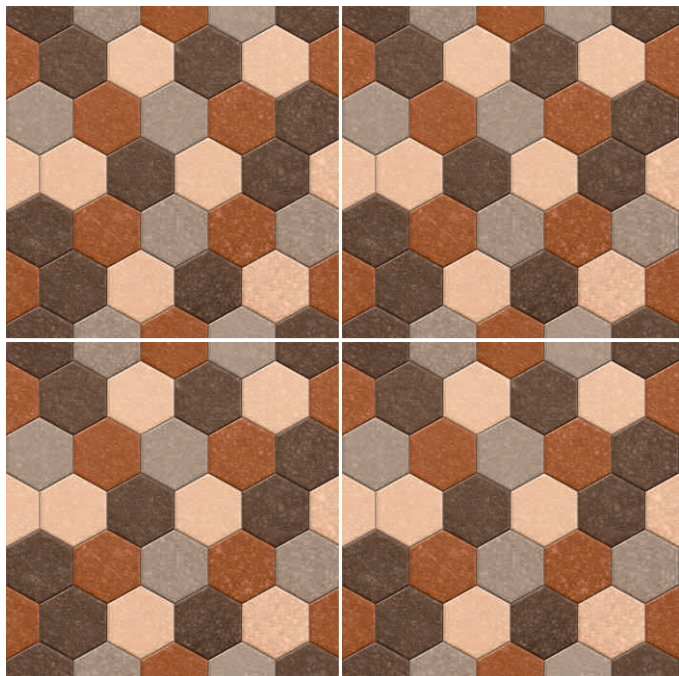


HRP GREY MULTI HEXAGON  
STONE



HRP BEIGE MULTI HEXAGON  
STONE

LAYING PATTERN





Glitter Effect



HRP GREY X FRAME

Glitter Effect



HRP GREY BEIGE X FRAME

Glitter Effect



HRP BROWN X FRAME

Glitter Effect



HRP COTTO X FRAME

LAYING PATTERN







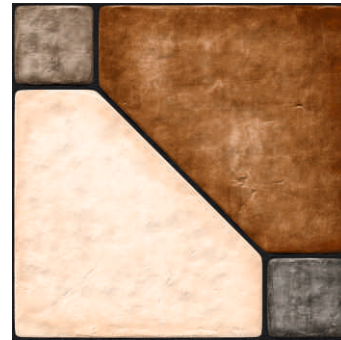
HRP GREY OCTASQUARE



HRP MULTI OCTASQUARE

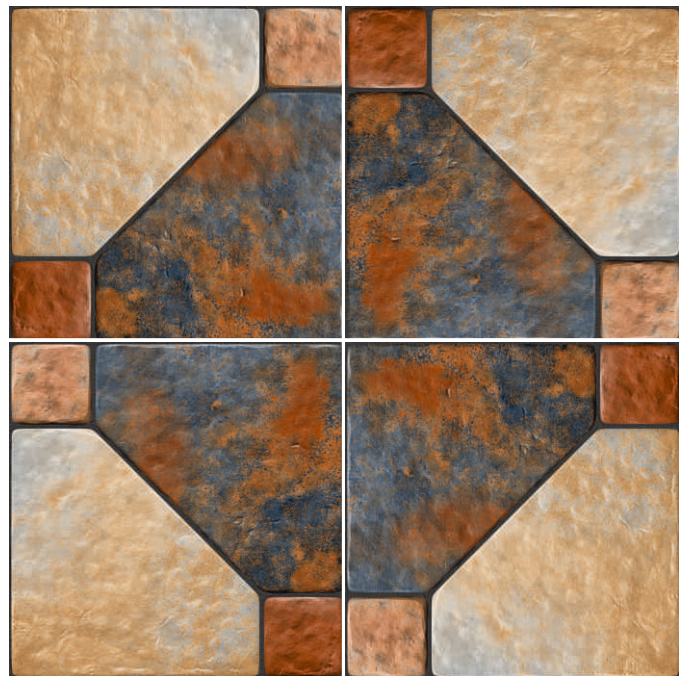


HRP TAUPE OCTASQUARE



HRP BEIGE BROWN  
OCTASQUARE

LAYING PATTERN





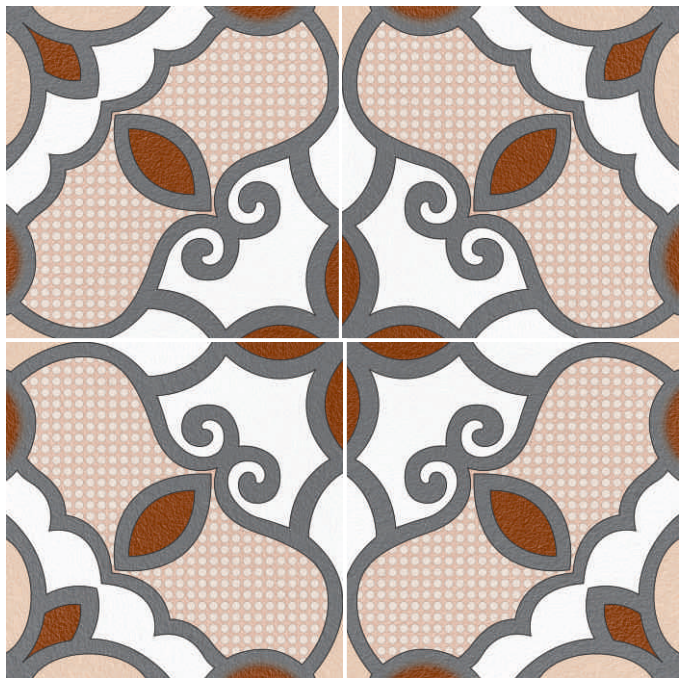


HRP GREY MODERN INLAY



HRP BROWN MODERN INLAY

LAYING PATTERN





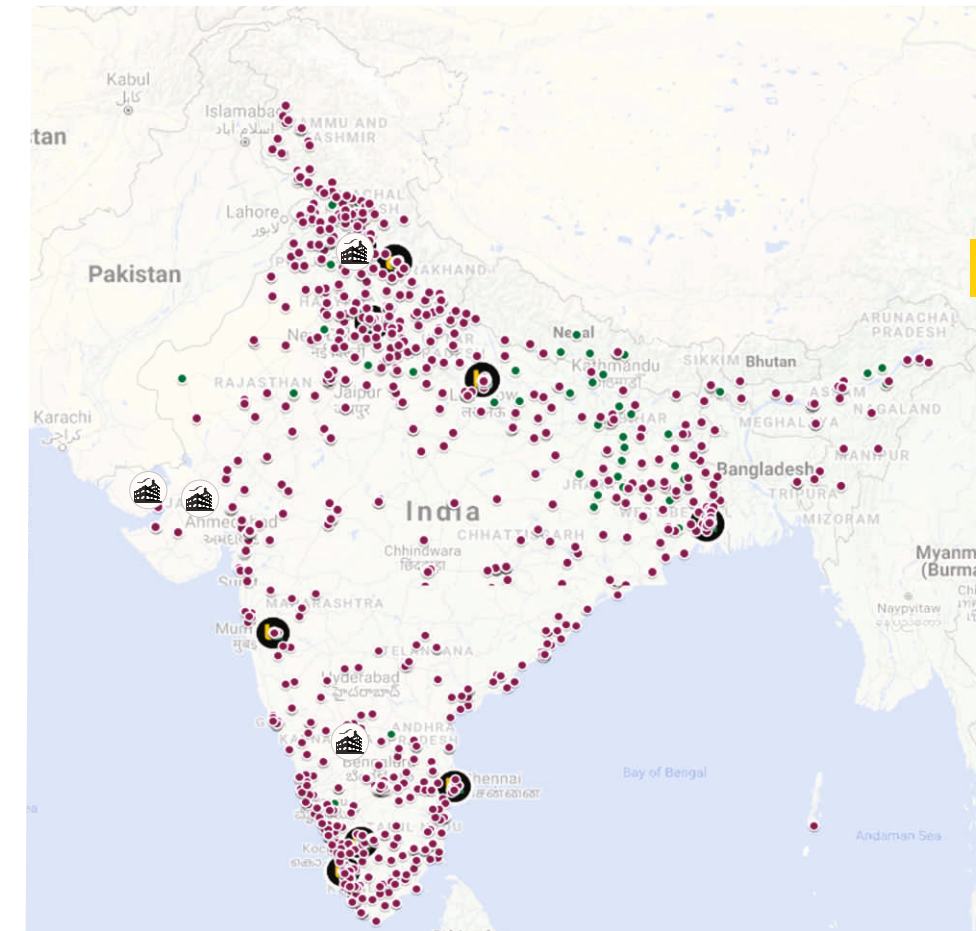
# TECHNICAL SPECIFICATIONS Rhino Pavers

Packing Details					
Size ( In mm. )	No. of Tiles Per Carton	Covered Area Per Carton		No. of Box Per Layer	No. of layer Per Pallet
		( In Sq. Mtr. )	( In Sq. Ft. )		
400x400	5	0.8	8.62	40	2

Characteristics	Standard As Per IS 15622:2017 Group B Ila	OBL Actual Value	Test Method
<b>Dimensions and Surface Quality:</b>			
Deviation in Size (Length & Width)	± 0.1 %	± 0.1 %	IS 13630 Part 1
Deviation in Thickness	± 5.0 %	± 4.0 %	IS 13630 Part 1
Straightness of Sides	± 0.1 %	± 0.1 %	IS 13630 Part 1
Rectangularity	± 0.1 %	± 0.1 %	IS 13630 Part 1
Surface Flatness	± 0.5 %	± 0.4 %	IS 13630 Part 1
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	IS 13630 Part 1
<b>Physical Properties:</b>			
Water absorption %	Average 3.0 < E ≤6.0%, individual 6.2% Max.	4.5% Max	IS 13630 Part 2
Modulus of rupture N/mm <sup>2</sup>	Average 22, individual 20 Min.	40.0 Max	IS 13630 Part 6
Breaking Strength N	600 Min for thickness <7.5mm, 1000 Minimum for Thickness ≥7.5 mm	Avg 2350	IS 13630 Part 6
Moisture Expansion	0.02 Max	0.02 Max	IS 13630 Part 3
Scratch hardness (Moh's Scale)	5 Min	7 - 8 depends upon Design/surface	IS 13630 Part 13
Resistance to surface abrasion of glaze tiles Class I to V (Applicable for floor applications only)	Class II Min	Class IV to V	IS 13630 Part 11
Linear thermal expansion Co-efficient	7x10 <sup>-6</sup> max	Conforms	IS 13630 Part 4
Thermal Shock Resistance	10 Cycle 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	>0.55	IS 13630 Part 14
Coefficient of Friction	Manufacturer to declare value where required	R12	
Frost Resistance	Required if agreed to between manufacturer and purchaser	Conforms	IS 13630 Part 10
Bulk density g/cc	2.0 , Min	>2.1	IS 13630 Part 2
<b>Chemical Properties:</b>			
Resistance to staining of glazed tiles	Class 1, Min	Class -1	IS 13630 Part 8
Resistance to House hold chemical except (HF and its compounds)	Class AA, Min	Class AA, Min	IS 13630 Part 8
Resistance to acids and alkalis except (HF and its compounds)	Class AA, Min	Class AA, Min	IS 13630 Part 8

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.



A Network of  
**2500+**  
Channel Partners

- Franchise Owned Boutiques
- Channel Partners
- Company Owned Boutiques
- Plants

## ORIENT BELL TILE BOUTIQUE

**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

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

**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

**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

**DEHRADUN**  
Duggal Complex (Near Kamla Palace Hotel), GMS Road,  
Dehradun-248 001,  
Tel.: +91 97197 01064

**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





Making Tile Selection Easier



Find tiles similar to a reference image



Tiles selected by you in your room



Visualise selected tiles & get a quote



Share layout for a personalised render\*

[www.orientbell.com](http://www.orientbell.com)

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Nangal Raya, New Delhi-110046, India  
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Fax: +91 -5735 222 642

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CIN: L14101UP1977PLC021546

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