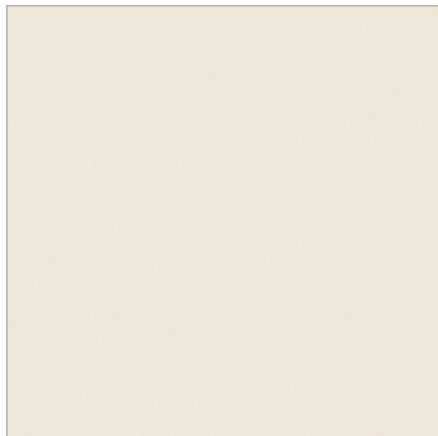




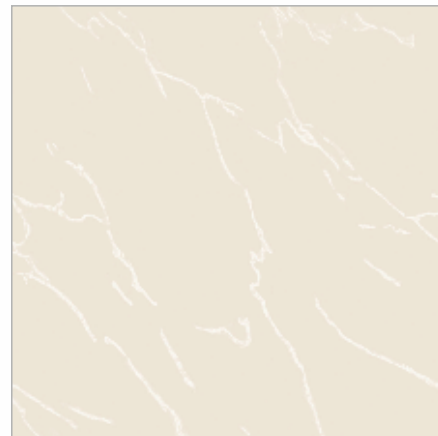
**SOMANY**  
**VERVE**  
from the house of HL SOMANY GROUP

600x600mm  
Soluble Salt Vitrified Tiles

**NEW ARRIVAL**



Nano Avorio



Nano Cornelio



Nano Benita



Nano Elisa

-  FLOOR TILES
-  INTERIOR
-  ANTI STAIN
-  GLOSS FINISH
-  HIGHLY DURABLE
-  ECO FRIENDLY
-  NANO TECH



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## Packaging Detail for 600x600mm Vitrified Tiles

Nominal Size	Thickness	No. Of Tiles per carton	Weight	Coverage area per Carton
600x600mm	8.2 mm	4 Pcs	25.70 Kgs. / Box (Appx)	1.44 Sq.Mtr. / 15.50 Sq.Ft.

## Technical Specification for 600x600mm Vitrified Tiles

Characteristics	Requirement as per IS 15622 :2017 E ≤ 0.08 Group B I a	Requirement as per ISO 13006 ≤ 0.5% Group B I a	Our Values	Test Method
<b>Dimension &amp; Surface Quality</b>				
Length & Width	± 0.10%	± 0.5%	± 0.10%	IS 13630 Part 1/ ISO 10545-2
Thickness	± 5.00%	± 5.00%	± 4.0%	
Straightness of Side	± 0.10%	± 0.50%	± 0.10%	
Rectangularity	± 0.10%	± 0.60%	± 0.10%	
Surface Flatness				
Center Curvature (%) ( Max. Dev.)	± 0.50%	± 0.50%	± 0.2 %	
Edge Curvature (%) ( Max. Dev.)	± 0.50%	± 0.50%	± 0.2 %	
Corner Warpage (%) ( Max. Dev.)	± 0.50%	± 0.50%	± 0.2 %	
Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	
<b>Physical Properties</b>				
Water Absorption	Average ≤ 0.08%, Individual Max.1.0 %	Av ≤ 0.5 %, Individual 0.6% max	Max. < 0.08%	IS 13630 Part 2/ ISO 10545-3
Modulus of Rupture [N/mm <sup>2</sup> ]	Av 35, Individual 32 min	Av 35, Individual 32 min	Min.40, Individual 38	IS 13630 Part 6/ISO 10545-4
Breaking Strength in N	1300	Min.1300	Min 1500 N	
Moisture Expansion in mm/m	0.02	Test method available	0.02	IS 13630 Part 3/ISO-10545-10
Scratch Hardness of Surface (Mohs)	Min 5	N.A	Min 5	IS 13630 Part 13
Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C	6 X 10 <sup>-6</sup> K <sup>-1</sup> Max	Test Method Available	Max 6 X 10 <sup>-6</sup> K <sup>-1</sup> Max	IS 13630 Part 4/ ISO 10545-8
Thermal Shock Resistance	10 Cycle Min	Required	10 Cycle Passed	IS 13630 Part 5/ISO-10545-9
Crazing Resistance	4 Cycle @ 7.5 bar Min	N.A	4 Cycle Passed	IS 13630 Part 9/ISO 10545-11
Impact Resistance as Co-efficient of Restitution (COR)	0.55 Min	Test Method Available	0.75-0.95	IS 13630 Part 14/ISO 10545-5
Deep Abrasion Resistance	140,Max	Max.175	Max.100	IS 13630 PART 12/ISO 10545-6
Frost Resistance	Required	Required	100 Cycle Passed	IS 13630 Part 10/ISO 10545-12
<b>Chemical Resistance (Unglazed Tiles)</b>				
Stain Resistance	Min Class 2	Manufacturer to State The Class	Min Class 2	IS 13630 Part 8/ISO 10545-14
Resistance to Household chemicals	Min Class AA	Min Class UB	Min Class AA	IS 13630 Part 7/ISO 10545-13
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Required if Agreed	Test Method Available	Min Class AA	

The reproduction of tiles in this catalogue is restricted to four color printing only and tiles are not in relative sizes, therefore customers are advised to see the physical sample before placing the order. " Technical Specification " for Somany wall & floor tiles are applicable only for Standard quality tiles. Please inspect all tiles prior to installation. Company will not entertain complaints once tiles are laid/ fixed. Complaints will not be entertained for Borders, Highlighters & Motifs.

# SOMANY

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