



**30x**  
**30cm** | ROOFTEK



## ABOUT US

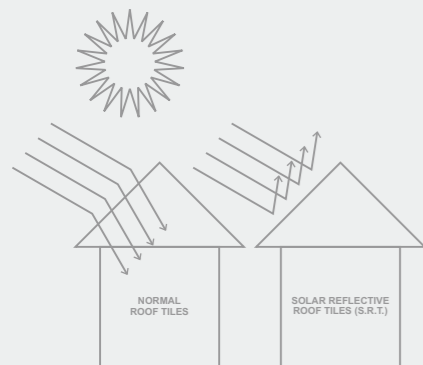
Varmora Granito Pvt. Ltd. is a flagship company of the Varmora Group and a leading manufacturer of high-quality ceramic tiles, bath and sanitary products, and other building materials. Established in 1994, Varmora Granito has grown to become one of the largest manufacturers in the industry, with in-house production capacity of 35 msm per annum. With a focus on innovation, sustainability, and customer satisfaction, Varmora Granito is committed to providing its customers with the best products and services worldwide. Varmora now boasts 317 exclusive brand outlets (EBOs) and 2,000+ multi-brand outlets (MBOs) in their network. Whether you're looking for stylish tiles, durable bath and sanitary products, or other building materials, Varmora Granito has you covered.

To know more about Varmora Granito visit [www.varmora.com](http://www.varmora.com)

Experience Cool Comfort  
with **ROOFTEK Tiles:**  
Perfect for Your Terrace,  
Balcony, and Exteriors

30x  
30cm

ROOFTEK COLLECTION



**ROOFTEK Tiles** is an exceptional tile collection designed to shield your building from the scorching sun's rays. These tiles are ideal for terrace, balcony, and exterior applications, providing adequate heat insulation to keep indoor spaces cool and reduce energy consumption — an excellent flooring solution for your roof, offering significant benefits, especially during the hot summer months.

APPLICATION AREAS:



TERRACE

VERANDA

EXTERIOR CLADDING

WALKWAY



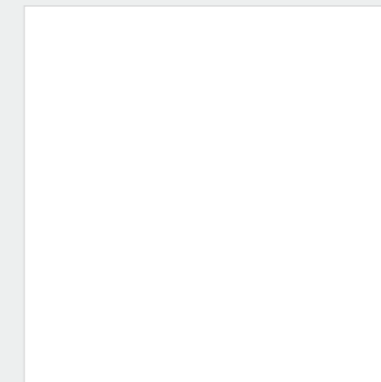
www.varmora.com

**ROOFTEK** COLLECTION



**VARMORA**  
TILES • BATHWARE

**ROOFTEK** | Finish: Matt



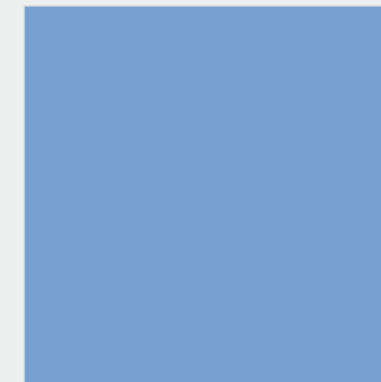
SRT WHITE



**ROOFTEK** COLLECTION



**ROOFTEK** | Finish: Matt



SRT BLUE

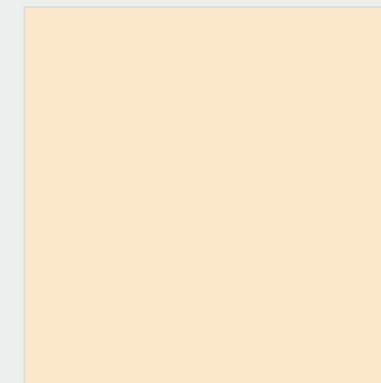




**ROOFTEK** COLLECTION



**ROOFTEK** | Finish: Matt



SRT IVORY

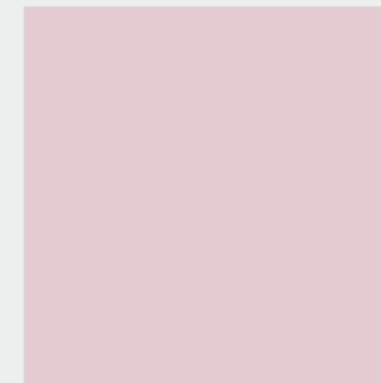


**ROOFTEK** COLLECTION



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SRT PINK

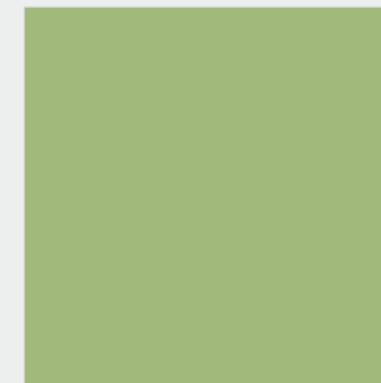


**ROOFTEK** COLLECTION



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**ROOFTEK** | Finish: Matt



SRT GREEN

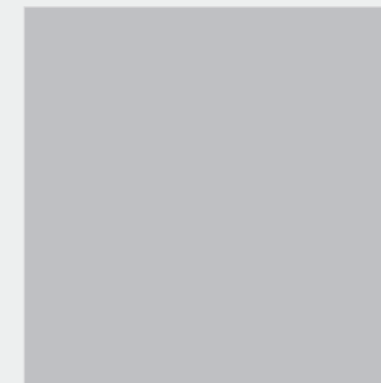




**ROOFTEK** COLLECTION



**ROOFTEK** | Finish: Matt



SRT GREY

# Technical Specification

## ROOFTEK

SR. NO.	CHARACTERISTIC	TEST METHOD	IS 15622 :2017 (GROUP B I b)	VARMORA VALUE
<b>A</b>				
<b>DIMENSION &amp; SURFACE QUALITY</b>				
1	Deviation in Length & Width	IS - 13630 - 1	± 0.10%	± 0.10%
2	Deviation in Thickness	IS - 13630 - 1	± 5.00%	± 3.50%
3	Straightness of sides	IS - 13630 - 1	± 0.10%	± 0.10%
4	Rectangularity	IS - 13630 - 1	± 0.10%	± 0.10%
5	Surface Flatness	IS - 13630 - 1	± 0.50%	± 0.20%
6	Surface Quality	IS - 13630 - 1	Minimum 95 % of tiles shall be free from visible defects	95%
<b>B</b>				
<b>PHYSICAL PROPERTIES</b>				
1	Water Absorption	IS - 13630 - 2	Avg. 0.08% < E ≤ 3%	Avg. 0.5% - 3%
2	Modulus of Rapture (N/mm <sup>2</sup> )	IS - 13630 - 6	Avg. 30 N/mm <sup>2</sup>	Avg. 32 N/mm <sup>2</sup>
3	Breaking Strength (N)	IS - 13630 - 6	1100 N, Min	1200 N
4	Moisture Expansion (mm/m)	IS - 13630 - 3	0.02 Max.	0.01 Max.
5	Scratch Hardness of Surface (Mohs' Scale)	IS - 13630 - 13	5, Min	5, Min*
6	Resistance of Surface Abrasion	IS - 13630 - 11	Class II, Min	Class IV
7	Co-efficient of linear thermal expansion	IS - 13630 - 4	7x10 <sup>-6</sup> , Max	7x10 <sup>-6</sup> , Max
8	Thermal Shock Resistance	IS - 13630 - 5	10 Cycles, Min	10 Cycles, Pass
9	Crazing Resistance	IS - 13630 - 9	4 Cycles at 7.5 Bar, Min	4 Cycles, Pass
10	Impact Resistance- Coefficient of Restitution	IS - 13630 - 14	0.55, Min	0.55, Min
11	Coefficient of Friction	-	Manufacturer Norms	Manufacturer Norms
12	Frost Resistance	IS - 13630 - 10	Manufacturer Norms	No Damage
13	Bulk Density (g/cc)	IS - 13630 - 2	2.0, Min	2.3, Min
14	Solar Reflectance Index	-	-	>80 (SRT WHITE)
<b>C</b>				
<b>CHEMICAL PROPERTIES</b>				
1	Resistance to Staining	IS - 13630 - 8	Class 1, Min	Class 1, Min
2	Resistance to Household Chemicals	IS - 13630 - 8	Class AA, Min	Class AA, Min
3	Resistance to Acids & Alkalis	IS - 13630 - 8	Required If agreed according to chemical resistance class indicated by manufacturer	Resistance

VARMORA Values given above are own valued, Which we tries to maintain, how ever test results may differ up to the limit prescribed under IS 15622 :2017 (GROUP B I b)  
\* Minimum 5 On matt tiles.

Note: Colour shown are as accurate as the limitations of the printing process will allow. Prospective customers are advised to inspect a sample of the tile before ordering. Our effort has been made to ensure the accuracy of the information given. However, the company reserve the right to change the specifications without prior notice. Sometime variations in shade or size being inherent to ceramic industry may occur. Before fixing, we advise you to follow the fixing instructions on the cartons (box) of the tiles. No responsibility will be accepted by the company once the tiles have been fixed.

# VARMORA

TILES • BATHWARE

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