

pulse



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**Panache  
of premier style**

Accentuate your belief in voguish surfaces  
with these urban creations



## VARMORA ABOUT

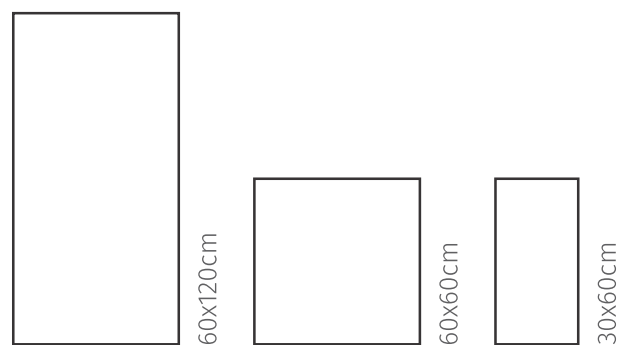
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Varmora Granito Pvt. Ltd. came into being with a clear vision - to become a global leader in the world of ceramics in the span of two decades, our futuristic group has grown by leaps and bounds into a nationwide conglomerate manufacturing quality ceramic, porcelain and vitrified tiles. The stability of the company is as good as any 25 years old experienced organization. Spearheaded by visionaries Mr. Bhavesh Varmora, our multi-million business has a vast network of more than 5000 retail outlets and over 700 dealers, we also run around 20 branches offices with more than 1200 professionals across the country.

Varmora has created a modern infrastructure by adopting new-tech and upgrading manufacturing techniques to improve production capacity and quality. Varmora has 10 different state-of-the-art plants across the country with over 100,000 sq. mts. capacity, which allows them to keep their status as the industry leaders. The company has also adopted several environment-friendly manufacturing techniques like water-saving technology. Elaborate and extensive R&D programs have also been set-up to assist in Varmora's endeavor to create more innovative products.

# 3 Creations

varieties of stone surfaces with bold hues, exotic finishes and sizes.



7 Face maximum size  
Thickness : 9mm  
Finish : Polished

## Pulse Bianco

The gracefulness and enlivening characteristics of the pristine white creates a curious core; the added effect is of the 7 face exclusive feature. Own it to experience its charm.

**PULSE** Bianco

residence corporate airports malls banks

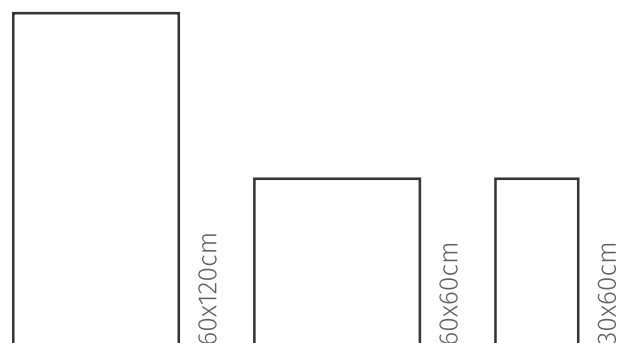
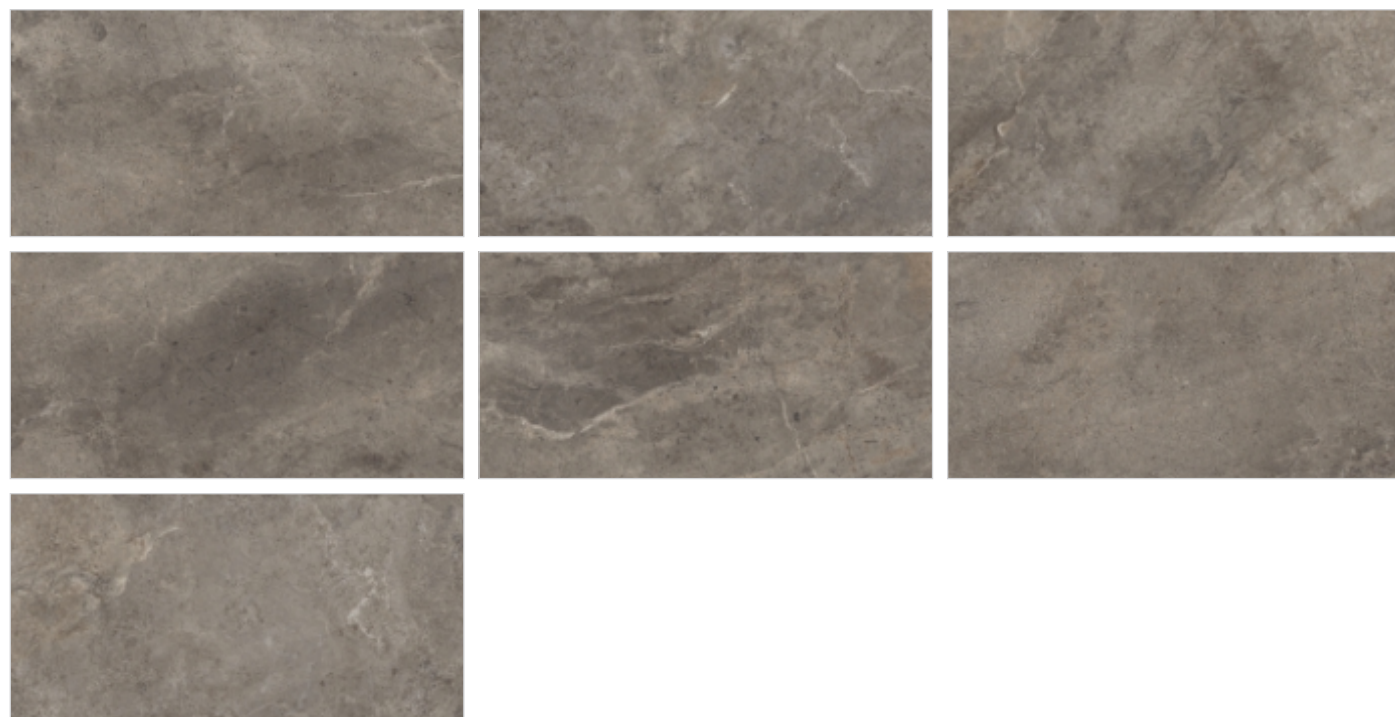


Glazed porcelain tiles (international standard) | Vitrified stoneware (indian standard).  
Rectified



# 3 Creations

varieties of stone surfaces with bold hues, exotic finishes and sizes.



7 Face maximum size  
Thickness : 9mm  
Finish : Polished

## Pulse Dark Grey

The soothing verve of grey emanates authenticity and sophistication of high order. The specifically worked out thickness dimension i.e. 9 mm with the different configurations of sizes makes it a worthy buy.

**PULSE** Dark Grey

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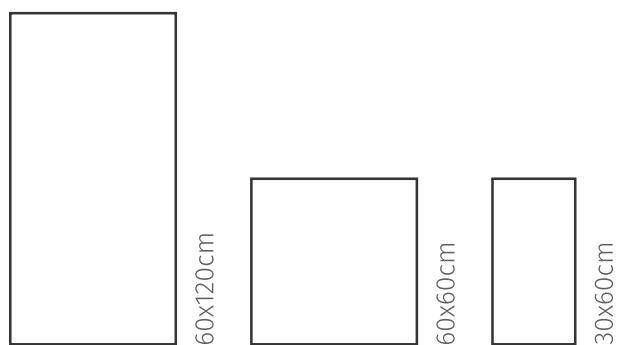


Glazed porcelain tiles (international standard) | Vitrified stoneware (indian standard).  
Rectified



# 3 Creations

varieties of stone surfaces with bold hues, exotic finishes and sizes.



7 Face maximum size  
Thickness : 9mm  
Finish : Polished

## Pulse Natural

The natural polished finish with 7 face unique feature gives your spaces a wonder that's never explored before. Go for a touch of classy edge and ascertain a brilliant aura.

**PULSE** Natural

residence corporate airports malls banks



Glazed porcelain tiles (international standard) | Vitrified stoneware (indian standard).  
Rectified

## OUR TECHNICAL & QUALITY FACTS

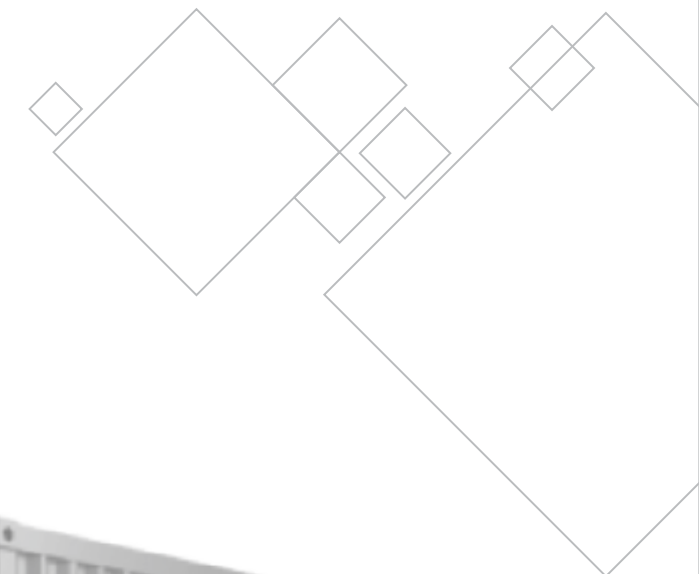
| SR. NO.                                | CHARACTERISTIC                                | TEST METHOD     | IS 15622 :2017 (GROUP B I a)  | VARMORA VALUE              |
|--|---|-----------------|---|----------------------------|
| <b>A</b>                               |   |                 |   |                            |
| <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  | ≤0.08%,Avg.   | 0.06%,Avg.                 |
| 2                                      | Modulus of Rapture(N/mm <sup>2</sup> )        | IS - 13630 - 6  | Avg. 35 N/mm <sup>2</sup>   | Avg. 40 N/mm <sup>2</sup>  |
| 3                                      | Breaking Strength (N)                         | IS - 13630 - 6  | Thickness <7.5 mm = 700 N, Min<br>Thickness ≥7.5 mm = 1300 N, Min                   | Thickness ≥7.5 mm = 1700 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 (Glazed tiles) | IS - 13630 - 11 | Class II, Min.  | Class IV                   |
| 7                                      | Co-efficient of linear thermal expansion      | IS - 13630 - 4  | 6x10 <sup>-6</sup> , Max  | 6x10 <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  | 2.2, Min  | 2.3, Min                   |
| <b>C</b>                               |   |                 |   |                            |
| <b>CHEMICAL PROPERTIES</b>             |   |                 |   |                            |
| 1                                      | Resistance to Staining                        | IS - 13630 - 8  | Class 1, Min  | Class 2, Min               |
| 2                                      | Resistance to Household Chemicals             | IS - 13630 - 8  | Class AA,Min  | Class AA                   |
| 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 a)  
\* 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.

## OUR GLOBAL SHIPMENT PACKING MATRIX

| CNT / TYPE | SIZE (CM) | THICKNESS (Average) | PCS  | SQ MTR / BOXES | WEIGHT / BOXES (KGS) | BOXES / PALLETS | SQ MTR  | WEIGHT / PALLETS | BOXES     | PALLETS   |
|------------|-----------|---------------------|------|----------------|----------------------|-----------------|---------|------------------|-----------|-----------|
|            |           |                     |      |                |                      |                 | PALLETS |                  | CONTAINER | CONTAINER |
| 20 FEET    | 60X60     | 8.5mm               | 4.00 | 1.44           | 28.50                | 40.00           | 57.60   | 1160.00          | 960.00    | 24.00     |
| 20 FEET    | 60X120    | 9mm                 | 2.00 | 1.44           | 30.00                | 32.00           | 46.08   | 980.00           | 896.00    | 28.00     |
| 40 FEET    | 120 X 240 | 9mm                 | 1.00 | 2.88           | 61.00                | 40.00           | 115.20  | 2540.00          | 440.00    | 11.00     |
| 40 FEET    | 80 X 260  | 15mm                | 1.00 | 2.08           | 73.00                | 28.00           | 58.24   | 2144.00          | 336.00    | 12.00     |
| 40 FEET    | 90 X 180  | 9mm                 | 2.00 | 3.24           | 68.00                | 35.00           | 113.40  | 2480.00          | 385.00    | 11.00     |
| 40 FEET    | 120 X 120 | 9mm                 | 2.00 | 2.88           | 60.00                | 35.00           | 100.80  | 2200.00          | 420.00    | 12.00     |
| 20 FEET    | 80 X 160  | 9mm                 | 2.00 | 2.88           | 55.00                | 25.00           | 72.00   | 1475.00          | 450.00    | 18.00     |



Delivering  
surface innovations safely

