



**Simanto**<sup>®</sup>  
VITRIFIED

*Luxury For Better Future..*



**DOUBLE CHARGE**  
VITRIFIED TILES  
**600x1200mm**

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

# INTRODUCING

**S**IMA  
*Series*

**600x1200mm**

**DOUBLE CHARGE VITRIFIED TILE**

Double Charge tiles are the timeless versions of surfaces having ingrained solidity and sturdiness. The double vitrification process makes the tiles robust and solidifies it all the core. However, we ensure that along with strength, the potent tiles also carry stylish aesthetics that can stand the test of time. The Pandora Series is the unique from rest having shimmer all over the surface.



SIMA  
SERIES

600x  
1200mm

  
Simanto®  
VITRIFIED



SIMA SUPER WHITE (L)



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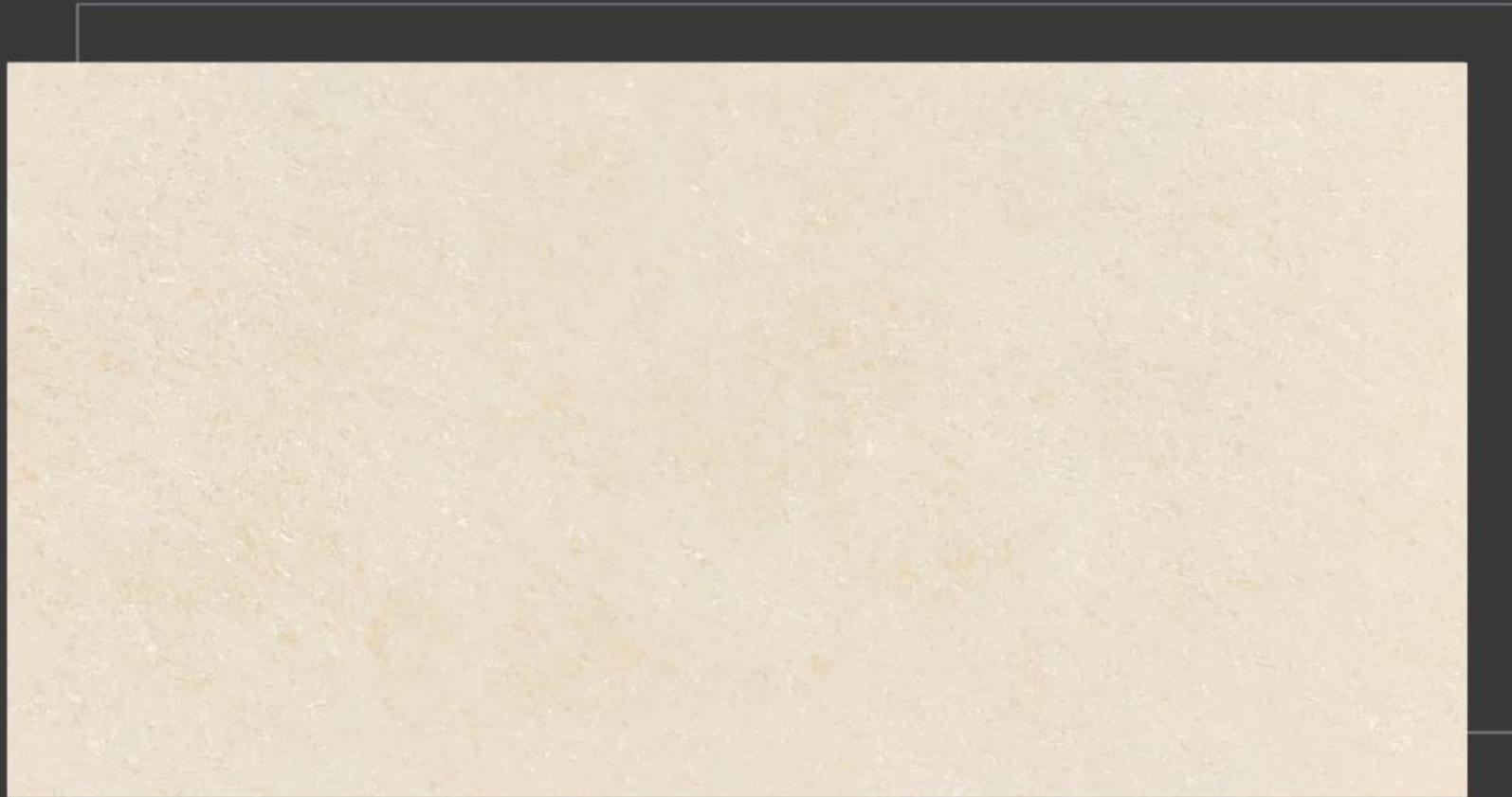
  
DOUBLE  
CHARGE



SIMA  
SERIES

600x  
1200mm

  
Simanto®  
VITRIFIED



SIMA GOLD (L)



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DOUBLE  
CHARGE



SIMA SERIES | 600x1200mm



SIMA MARBLE (L)



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SIMA  
SERIES

600x  
1200mm

  
Simanto®  
VITRIFIED



SIMA GREY (L)



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DC DOUBLE  
CHARGE



SIMA  
SERIES

600x  
1200mm

  
Simanto®  
VITRIFIED



SIMA CHOCOLATE (L)

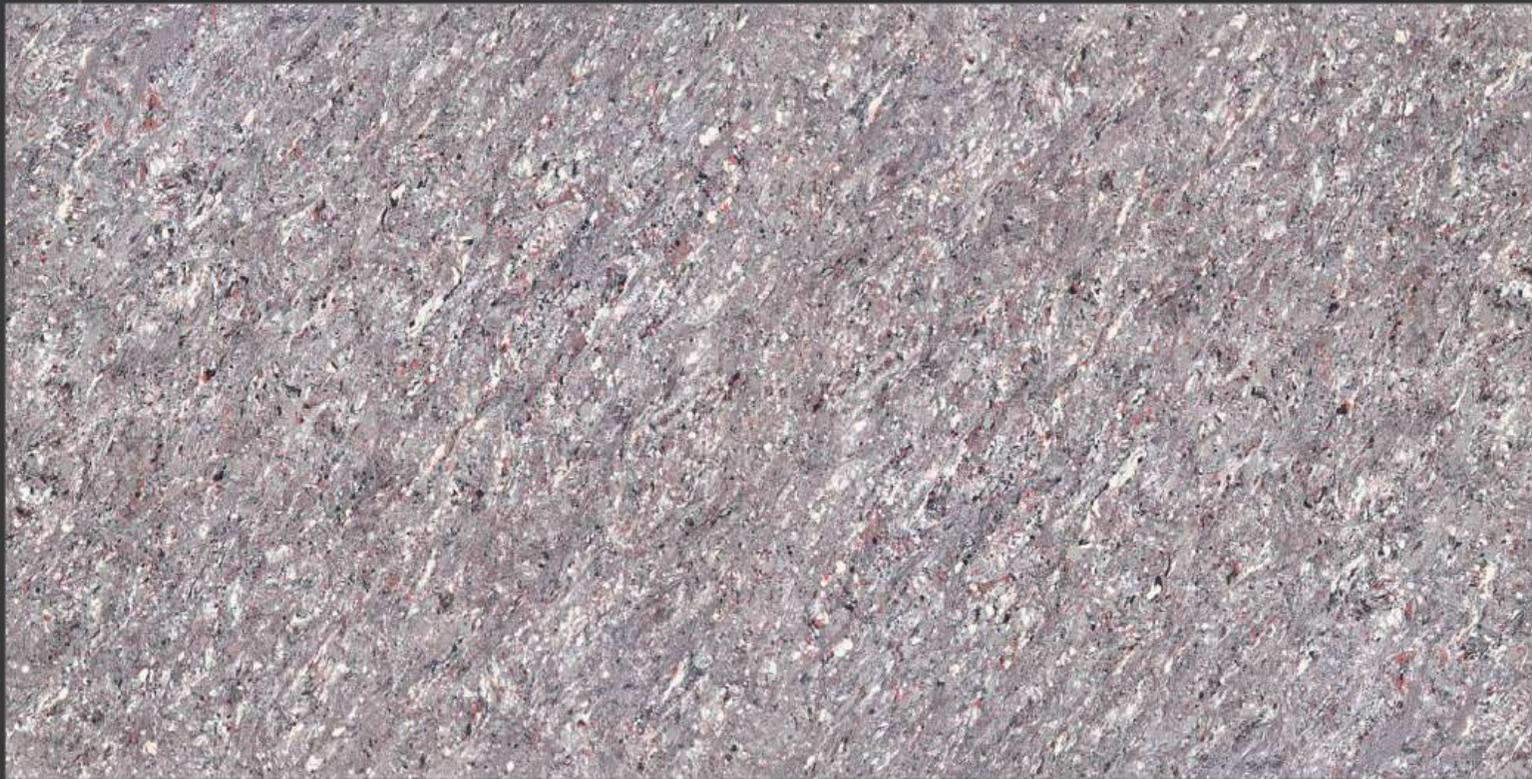


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 **DOUBLE  
CHARGE**



SIMA SERIES | 600x  
1200mm



SIMA MOCCA GREY (L)



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# TECHNICAL specification

SR. NO.	CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BI <sub>a</sub>	VALUES DECLARED BY SIMANTO	TEST METHOD
<b>A. REGULATORY PROPERTIES</b>				
1.	DEVIATION IN LENGTH & WIDTH	± 0.5%	± 0.1%	ISO-10545-2
2.	DEVIATION IN THICKNESS	± 5.0%	± 2.0%	ISO-10545-2
3.	STRAIGHTNESS OF SIDES	± 0.5%	± 0.1%	ISO-10545-2
4.	RECTANGULARITY	± 0.5%	± 0.1%	ISO-10545-2
5.	SURFACE FLATNESS	± 0.5%	± 0.1%	ISO-10545-2
6.	COLOR DIFFERENCES	UNALTERED	NO CHANGE	ISO-10545-16
7.	GLOSSINESS	AS PER MANUFACTURER	MIN. 70%	GLOSSOMETER
<b>B. STRUCTURAL PROPERTIES</b>				
1.	WATER ABSORPTION	< 0.5%	< 0.05%	ISO-10545-3
2.	APPARENT DENSITY	> 2.0 gm/cc	> 2.28 gm/cc	DIN 51082
<b>C. MASSIVE MECHANICAL PROPERTIES</b>				
1.	FLEXURAL MODULUS OF RUPTURE	MIN 35N/mm <sup>2</sup>	MIN 40N/mm <sup>2</sup>	ISO-10545-4
2.	FLEXURAL BREAKING STRENGTH	min 1300 n	MIN 2000 N	ISO-10545-4
3.	IMPACT RESISTANCE	AS PER MANUFACTURER	MIN 0.55	ISO-10545-5
<b>D. SURFACE MECHANICAL PROPERTIES</b>				
1.	DEEP ABRASION RESISTANCE	MAX 175mm <sup>3</sup>	MAX 138mm <sup>3</sup>	ISO-10545-6
2.	MOH'S HARDNESS	MIN 6	7	EN101
<b>E. THERMO HYGROMETRIC PROPERTIES</b>				
1.	FROST RESISTANCE	NO DAMAGE	FROST PROOF	ISO-10545-12
2.	THERMAL SHOCK RESISTANCE	NO DAMAGE	NO DAMAGE	ISO-10545-9
3.	MOISTURE EXPANSION	NIL	NIL	ISO-10545-10
4.	THERMAL EXPANSION	MAX 9.0 x 10 <sup>-6</sup>	MAX 6.5 x 10 <sup>-6</sup>	ISO-10545-8
<b>F. CHEMICAL PROPERTIES</b>				
1.	CHEMICAL RESISTANCE	NO DAMAGE	NO DAMAGE	ISO-10545-13
2.	STAIN RESISTANCE	RESISTANT	RESISTANT	ISO-10545-14
<b>F. SAFETY PROPERTIES</b>				
1.	SLIP RESISTANCE(FRICTION CO EFFICIENT)	> 0.40	> 0.40	ISO-10545-17

## PACKING DETAILS

Size	No.of Tiles / Box	Coverage Area	Wt. of Box
600x600mm	4 Pcs.	1.44 Sq.Mtr.	24 Kg. (Approx)
600x1200mm	2 Pcs.	1.44 Sq.Mtr.	26.5 Kg. (Approx)

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. Every 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 of size being inherent to ceramic industry may occur. Before fixing, we advise you to follow the fixing instructions on the cartons of the tiles as no responsibility can be accepted by company once the tiles have been fixed.