

SOMANY[®]
STONE 16

*New
Arrival*

EXTRA

STRONG

OUTDOOR

FLOOR

TILES

MM

600X600MM HEAVY DUTY VITRIFIED TILES





**Another breakthrough from the house of Somany,
presenting Stone 16 -**

the new collection designed to meet outdoor requirements. Thanks to its thickness and features - 16 mm thick high-performance engineered Durastone, is both easy to lay and provides excellent performance, with surface resistance to load and provides easy maintenance.

Whether you are creating a perfect backyard getaway or a luxurious driveway or an inviting entrance to your home, make a personal statement with your landscape with Stone 16 tiles. Here craftsman engineering and rustic charm meet in luxurious fashion to provide grand elegance to any environment; the naturally inspired stone textured surface comes alive to bring the landscape to a whole new level..



APPLICATION

VERANDAS

OUTDOOR PUBLIC AREAS

OUTDOOR FLOORS

GARAGES

COURT YARDS

OUTDOOR STAIRS

GARAGES

SWIMMING POOL SURROUNDS

PATHS

METHODS OF INSTALLATION

RAISED FLOORING WITH SUPPORTS

METHOD 1



METHOD 2

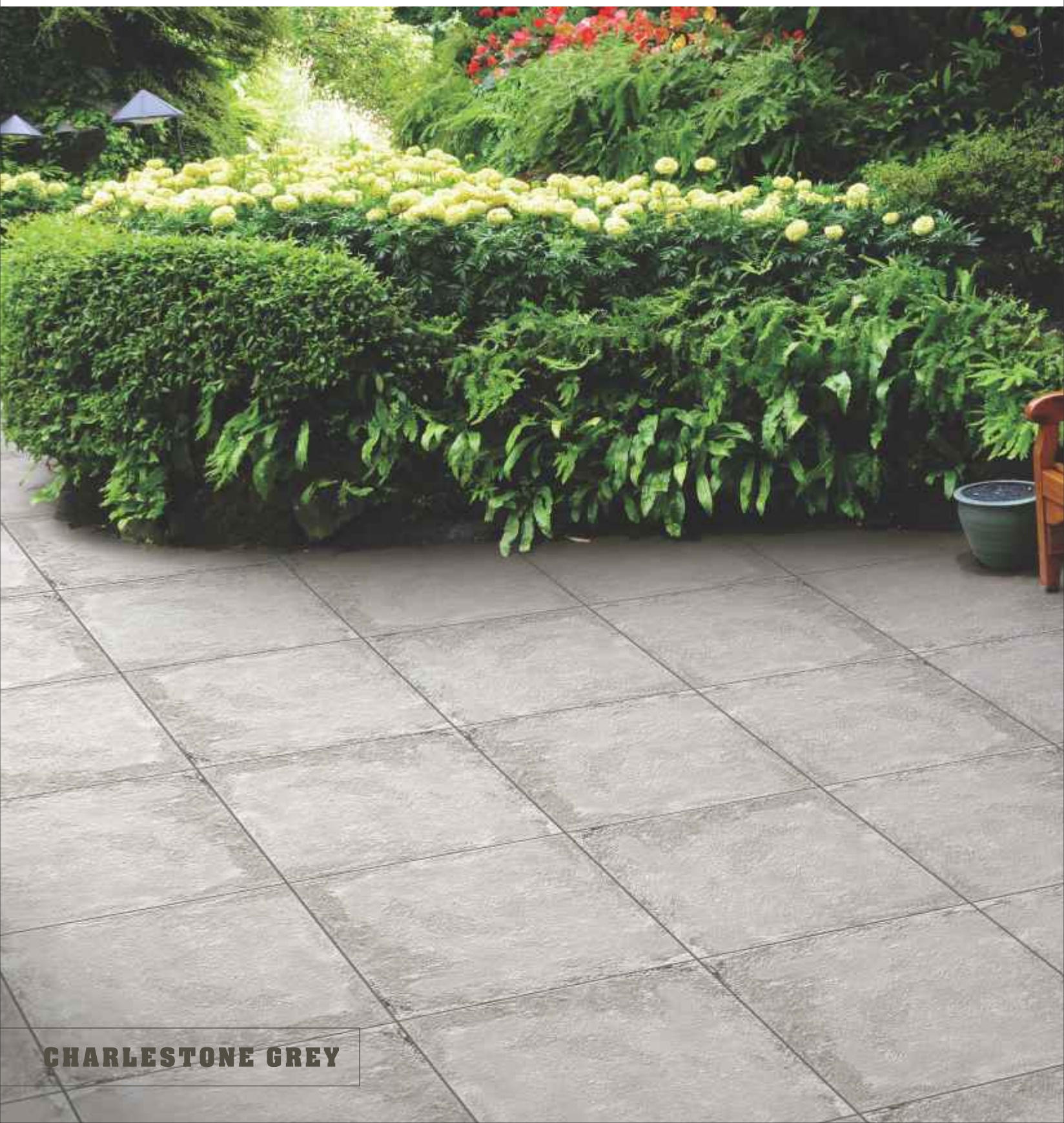
DIRECTLY ON SOIL AND GRAVEL

TRADITIONAL ADHESIVE SYSTEMS

METHOD 3



600X600MM HEAVY DUTY VITRIFIED TILES



CHARLESTONE GREY



Charlestone Brown, 600X600mm



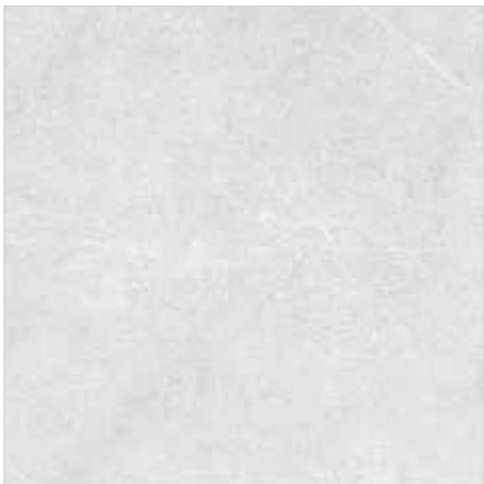
Charlestone Grey, 600X600mm



600X600MM HEAVY DUTY VITRIFIED TILES



Aracar Stone Beige, 600X600mm



Aracar Stone Grey, 600X600mm



Crestone, 600X600mm



Geostone Beige, 600X600mm



Geostone Crema, 600X600mm



Geostone Mist, 600X600mm



Gesotones Verde, 600X600mm

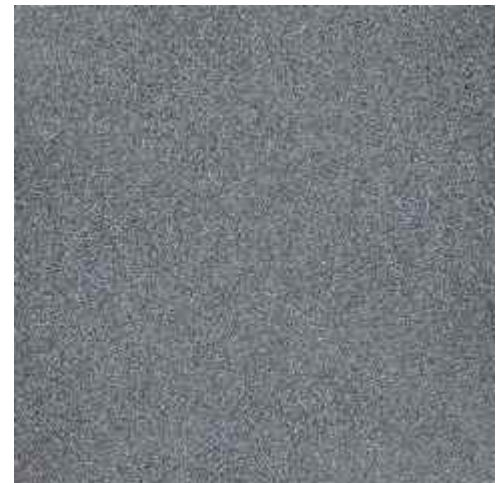
600X600MM HEAVY DUTY VITRIFIED TILES



EOLASTONE LIGHT GREY



Geostone Grey Dark, 600X600mm



Geostone Grey Light, 600X600mm



600X600MM HEAVY DUTY VITRIFIED TILES



GALERA STONE



Crinkle Stone, 600X600mm



Eolastone, 600X600mm



Galera Stone, 600X600mm



Hectorwood, 600X600mm



600X600MM HEAVY DUTY VITRIFIED TILES



Jovian Wood Rust, 600X600mm



Jovian Wood Wenge, 600X600mm



PACKAGING DETAIL FOR STONE 16 VITRIFIED FLOOR TILES

Nominal Size	Thickness(mm)	Average weight per carton (Kgs)	No. of tiles per carton	Coverage area per carton
600x600mm	16	26	2	0.72 Sq.mt/ 7.75 Sq.ft

TECHNICAL SPECIFICATIONS FOR STONE 16 VITRIFIED FLOOR TILES

Characteristics	Requirement as per IS 15622 :2006 0.08<E≥3 Group B1b	Requirement as per IS 13006 0.5<E≥3 Group B1b	600X600 mm Full Body Glaze Vitrified	600X600 mm Full Body Vitrified	Test Method
A) Dimension & Surface Quality					
i) Length & Width	±0.10%	± 0.60%	±0.10%	±0.10%	EN98/IS 13630 Part 1/ISO 10545-2
ii) Thickness	± 4.0 %	± 5.0%	± 4.0 %	± 4.0 %	
iii) Straightness of Side	± 0.10%	± 0.5%	± 0.10%	± 0.10%	
iv) Rectangularity	± 0.10%	± 0.6%	± 0.10%	± 0.10%	
v) Surface Flatness					
a) Center curvature (%) (max.Deviation)	± 0.2 %	± 0.5%	± 0.2 %	± 0.2 %	
b) Edge curvature (%) (max.Deviation)	± 0.2 %	± 0.5%	± 0.2 %	± 0.2 %	
c) Corner warpage (%) (max.Deviation)	± 0.2 %	± 0.,5%	± 0.2 %	± 0.2 %	
vi) 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	Min, 95 % of tiles will be free from visible defects	
B) Physical Properties					
I) Water Absorption	Av ≤ 3 % individual 3.3 max	Av ≤ 0.5 % individual 0.6 max	Av-0.5 %, max 0.8	Av-0.5 %, max 0.8	EN99/ IS 13630 Part 2/ ISO 10545-3
ii) Modulus of Rupture [N/mm2]	Av 38, individual 35 min	Av 35, individual 32 min	Min-38	Min-38	En100/ IS 13630 Part 6/ ISO 10545-4
iii) Breaking Strength in N	1200	1300	Min4000	Min4000	
iv) Moisture Expansion in mm/m	0.02	Test Method Available	0.02	0.02	En155 /IS 13630 Part 3
v) Scratch Hardness of surface (Mohs)	Min 6 (commercial Home), Min 5	N.A	Min-6	Min-6	EN101 /IS 13630 Part 13
vi) Resistance to Deep Abrasion of unglazed tiles	N.A	N.A	N.A	Max 150 (For full body vitrified)	En154/ IS 13630 Part 11/ISO 10545-7
vii) Resistance to Abrasion of glazed tiles(Class I to V)	Commercial application Min III Home Application Min II	Report Abrasion Class & Cycle Passed	Class V	N.A	En154/ IS 13630 Part 11/ISO 10545-7
viii) Coefficient of linear thermal expansion from embiant temperature to 100° C	7 X 10 ⁻⁶ K ⁻¹ , max	Test Method Available	7 X 10 ⁻⁶ K ⁻¹ , max	7 X 10 ⁻⁶ K ⁻¹ , max	EN103 /IS 13630 Part 4/ISO 10545-8
ix) Thermal Shock Resistance	10 cycle min	Test Method Available	10 cycle Passed	10 cycle Passed	En104 /IS 13630 Part 5
x) Crazing Resistance	4 cycle @ 7.5 bar min	Required	6 cycle Passed	N.A	En104 /IS 13630 Part 9/ ISO 10545-9
x) Forst Resistance	Required	Required	Resistance	Resistance	En202 /IS 13630 Part 10/ ISO 10545-12
x) Bulk Density	2.2	2.2	N.A	N.A	En99 /IS 13630 Part 2
x) Impact Resistance	N.A	N.A	N.A	N.A	IS 13630 Part 14
C) Chemical Resistance (Glazed Tiles)					
I) Stain Resistance	Min Class-1	Min Class 1	Min Class-1	Min Class-1	IS 13630 Part 8 ISO 10545-13 & ISO 10545-14
ii) Resistance to household chemicals	Min Class AA	Min AA	Min Class AA	Min Class AA	
iii) Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Required if agreed	Manufacturer to state	Required if agreed	Required if agreed	

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 physical sample before placing the order. *Technical Specifications for Somany Wall & Floor Tiles are applicable only for standard/super fine/first quality tiles. Please inspect all tiles prior to installation, company will not entertain complaints, once the tiles are laid/fixed. Complaints will not be entertained for Borders, Highlighters & Motifs.



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