

# FUSION SERIES

## SPECIFICATIONS



Work Size		Avg. Weight Per Box. (Kgs.)	No. of Tiles Per Box	Coverage Areas Per Box
Dimensions (In mm)	Thickness (in mm)			
600x600 (Digital)	9.25	28.50	4 Pcs.	1.44 Sq. meter (15.5 Sq. Foot)

### Conformity of Graystone Ceramic to Indian Standards (Group B II a) IS:15622:2017

Sr. No.	CHARACTERISTICS	IS: 15622:2017	Our Specification	Method of Testing
1	Deviation in Length & Width	Max. $\pm 0.1$ %	Max. $\pm 0.1$ %	IS : 13630-1
2	Deviation in Thickness	Max. $\pm 5.0$ %	Max. $\pm 3.0$ %	IS : 13630-1
3	Deviation in Straightness of sides	Max. $\pm 0.1$ %	Max. $\pm 0.03$ %	IS : 13630-1
4	Deviation in Rectangularity	Max. $\pm 0.1$ %	Max. $\pm 0.04$ %	IS : 13630-1
5	Surface Flatness	Max. $\pm 0.5$ %	Max. $\pm 0.04$ %	IS : 13630-1
6	Surface Quality	Min. 95% free from visible defects.	Min. 99% free from visible defects.	IS : 13630-1
7	Water Absorption	Avg. $3 < E \leq 6\%$ Individual max. 6.2 %	Avg. $2 < E \leq 6\%$ Individual max. 6.0 %	IS : 13630-2
8	Scratch Hardness (Moh's Scale)	Min. 4	Min. 5	IS : 13630-13
9	Abrasion Resistance	Class II Min.	Class III Min.	IS : 13630- 11
10	Crazing Resistance	4 Cycle at 7.5 bar min	4 Cycle at 7.5 bar Min.	IS : 13630- 11
11	Modulus of Rupture N/mm <sup>2</sup>	Avg. 22, Individual 20, Min	Avg. 36 , Individual 35 Min.	IS : 13630 - 6
12	Breaking Strength, in N	600. Min. for thickness < 7.5mm 1000, Min. for thickness $\geq 7.5$ mm	1670 Min.	IS : 13630- 6
13	Chemical Resistance	Required if agreed	Resistance to all acids and alkalis (except hydrochloric acid, Citric acid & Resistance to Alkali Potassium Hydroxide)	IS : 13630- 8
14	Thermal Shock Resistance	10 Cycles, Min.	10 Cycles Min.	IS : 13630- 5
15	Resistance to Household Chemicals	Class AA, Min.	Class AA Min.	IS : 13630- 8
16	Resistance to staining	Class 1, Min.	Class 1 Min.	IS : 13630- 8

#### Note

\*All technical features stated in leaflets, In master brochure are meant to be an indication of an average of figures recorded within a span (determined by international) in several production runs, therefore a slight discrepancy in quality figures of a certain batch in relation to these figures cannot be considered a production failure.

#### APPLICATION



Multiplex



Hospital



Hotel



Airport



Home



Bank



Super Market



Industry



Religious Place



Gymnasium



Dance Hall



School