

## TECHNICAL SPECIFICATIONS

Test Description	Standard As Per IS15622:2006 Group Bia	Mean Value of STONEX
Deviation in length & width	±0.5 %	±0.1 %
Deviation in thickness	±5.0 %	±4.0 %
Straightness in side	±0.5 %	±0.1 %
Rectangularity	±0.5 %	±0.2 %
Surface flatness	±0.5 %	±0.2 %
Color difference	Unaltered	No change
Water absorption	< 0.50 %	≤0.05 % (±0.02 %)
Apparent density	> 2.0 gm/cc	> 2.28 gm/cc
Modulus of rupture	Min. 35 N/mm <sup>2</sup>	Min. 40 N/mm <sup>2</sup>
Breaking strength	Min. 1300 N	Min. 2000 N
Impact resistance	As per mfg.	Min. 0.55
Surface abrasion resistance	As per mfg.	Min. Class-4
MOH's hardness	Min. 6	Min. 7+
Frost resistance	No damage	Frost Proof
Thermal shock resistance	No damage	No damage
Moisture expansion	Nil	Nil
Thermal expansion (COE)	Max. 9.0 x 10 <sup>-6</sup>	Max. 6.5 x 10 <sup>-6</sup>
Chemical resistance	No damage	No damage
Stain resistance	Resistant	Resistant
Slip resistance	As per mfg.	> 0.40
Crazing resistance	As per mfg.	Min. 10 Cycle

\*Notes:

- All Technical Specifications in this catalogue are for Premium Grade Material only.
- Shade / Size Variation are inherent characteristics to ceramics. Certain products purposely have variations which are part of design & process. The same have been indicated.
- It is recommended to blend tiles by mixing Tiles from various boxes & check for Natural Hue before fixing the Tiles.
- It is recommended to check the tile before laying / fixing. Quality standards cover 1<sup>st</sup> / Premium Quality only.
- Company's Liability is limited on material that has not been laid.
- NO COMPLAINT SHALL BE ENTERTAINED ON TILES ALREADY FIXED / LAID.
- The liability is also limited to the material supplied by the company VU; No other claim is entertained under any circumstances.
- No complaint is entertained on decoration done on tiles, other than the ones done by VU.

GENERAL NOTE: Any complaint must be brought to the company's notice within 10 days of purchase & before fixing of Tiles.

How to avoid defects & complaints:

- Use good quality Tiles.
- Choose good quality Tiles, with proper consideration to area intended of usage.
- Avoid careless laying of Tiles.
- Avoid poor maintenance for instance, by cleaning with strong Chemicals or with abrasive equipment e.g. metallic scrubber.
- Always keep Tiles area clean & ensure dusting / mopping regularly.
- Put doormats / Foot-mats at all strategic locations to avoid loose debris/dust from entering the Tiled Area.

DISCLAIMER: VU Impex reserves the right to delete & amend either totally or partially, any of the colours, shapes, sizes, references and other technical specifications contained in this file at any time. The colours shown of tiles in this file are purely illustrative and limited to printing process, Please refer actual sample before final selection. The details of sizes, colours, references should be verified for typographical errors. All complaints need to be reported within 10 days of purchase. Always follow instructions to avoid complaint due to bad masonry.