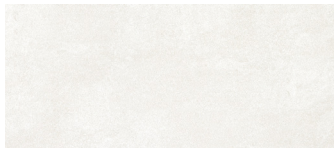




**General:** A rectified, fully vitrified ceramic tile that embodies the modern beauty of honed concrete. Suitable for Residential indoors that require a sophisticated, contemporary and elegant tile.

**Applications:** Application ideas include, residential indoor such as living rooms, bathrooms and kitchens.

**Colours:**



Limestone White (LW)



Limestone Grey (LG)

**Sizes:** 60 x 60 cm

**Thickness:** 1cm (10mm)

**Finishes:** Natural - suitable for indoors

**Type:** Vitrified Ceramic - using Digital Ink Technology

**Appearance:** The beauty of honed concrete












**Production:** Vitrified tile with rectified edges

**Grout joint:** Recommended 2 - 3 mm

*For further images, please refer to [www.phoenixtiles.com.hk](http://www.phoenixtiles.com.hk) - gallery page.*



## HOME - Vitrified Ceramic: Technical Data Sheet Document

<b>PHOENIX TILES LIMITED</b> Technical specification for HOME ( <u>HOME LW and HOME LG</u> ) - Vitrified Ceramic Tiles			
Type of Test	International Norm	International Standard	Phoenix Tiles Typical Standard Vitrified Ceramic Tiles Natural Finish Only
 <b>Water Absorption</b>	ISO 10545-3	Group BIb, 0.5% < E ≤ 3.0%	≤ 3.0%
 <b>Dimension</b>  Length & Width Thickness Straightness of Sides Rectangularity  <b>Flatness of Surface</b>  Centre Curvature Warpage Edge Curvature			
	ISO 10545-2	±0.50%	± 0.30%
	ISO 10545-2	±5.00%	± 3.00%
	ISO 10545-2	±0.50%	± 0.30%
	ISO 10545-2	±0.60%	± 0.30%
	ISO 10545-2	±0.50%	± 0.25%
	ISO 10545-2	±0.50%	± 0.25%
	ISO 10545-2	±0.50%	± 0.25%
 <b>Modulus of Rupture</b>	ISO 10545-4	Min.30N/mm <sup>2</sup>	≥ 30N/mm <sup>2</sup>
 <b>Breaking Strength</b>	ISO 10545-4	Min.1100N	≥ 1100N
 <b>Co-efficient of Thermal</b>	ISO 10545-8	≤ 9X10 <sup>-6</sup> K <sup>-1</sup>	≤ 9X10 <sup>-6</sup> K <sup>-1</sup>
 <b>Thermal Shock</b>	ISO 10545-9	No Damage	No Damage
 <b>Frost Resistance</b>	ISO 10545-12	No visible alteration to the surface	No visible alteration to the surface
 <b>Chemical Resistance</b>	ISO 10545-13	Min GB	Min GB
 <b>Resistance to Staining</b>	ISO 10545-13	Min. Class 3	Min. Class 3
 <b>Abrasion Resistance</b>	ISO 10545-7	PEI 1 - 5	Class 3
 <b>Slip Resistance (Wet Pendulum Test)</b>	AS 4586:2013 (App. A)	P0 - P5	P3

Dated: 25/11/15

\*\* The above standards serves as a "General Guide" only and is based on testing conducted on **factory fresh samples** or unused surfaces using specific conditions. Factors such as usage, cleaning systems, applied coatings, type of footwear and patterns of wear may affect the characteristics of the surface after testing. It is therefore recommended to conduct specific tests on individual tile batches which are going to be laid.