














ALPHA PACKAGING SPECIFICATION

DIMENSION	CARTON			PALLET			CONTAINER			
	Pieces	Weight (kg)	Sq.Meter	Carton	Weight (kg)	Sq.Meter	Carton	Pallet	Sq.Meter	Weight (kg)
600x600 mm	4	32.0	1.44	40	1305	57.60	640	17	979.20	20880
300x600 mm	8	29.3	1.44	40	1197	57.60	720	18	1036.80	21546

Remarks :  
The “kg/pallet” is included 25kg pallet weight | B1a = <0.5% water absorption | B1b = >0.5 To <3 % water absorption

- Slight variation in size and shade are inherent in manufacture of tiles. Tiles are packed into cartons marked in accordance with relevant manufacturing standard and information. It is recommended that before laying, several cartons be opened and paved in trial. A tiling gap of at least 2.5 - 3.0mm for wall and 3.0 - 5.0mm for floor is recommended for installation.
- Each different tile series is produced to meet different requirements. For specific product technical performance, please required it from our marketing/customer service team.
- Due to the printing process, the colours of actual products may differ from samples.

TECHNICAL SPECIFICATION FOR ALPHA PORCELAIN TILES

SYMBOL	TEST	SPECIFICATION	
		MS ISO 13006: 2020	YLI
	Water Absorption (%)	0.5% < E ≤ 3 %	0.5% < E ≤ 3 %
	Dimension : Length & Width (for non-rectified tiles)	± 0.60% (max ±2.0mm)	± 0.50% (max ±2.0mm)
	Dimension : Length & Width (for rectified tiles)	± 0.30% (max ±1.0mm)	± 0.25% (max ±1.0mm)
	Thickness	± 5.0% (max ±0.5mm)	± 4.0% (max ±0.5mm)
	Straightness Of Side (mm) for non-rectified tiles	± 0.50% (max ±1.5mm)	± 0.50% (max ±1.5mm)
	Straightness Of Side (mm) for rectified tiles	± 0.30% (max ±0.8mm)	± 0.30% (max ±0.8mm)
	Rectangularity (mm) for non-rectified tiles	± 0.50% (max ±2.0mm)	± 0.50% (max ±2.0mm)
	Rectangularity (mm) for rectified tiles	± 0.30% (max ±1.5mm)	± 0.30% (max ±1.5mm)
	a) Centre Curvature for non-rectified tiles	± 0.50% (max ±2.0mm)	± 0.50% (max ±2.0mm)
	a) Centre Curvature for rectified tiles	± 0.40% (max ±1.8mm)	± 0.40% (max ±1.8mm)
	b) Edge Curvature for non-rectified tiles	± 0.50% (max ±2.0mm)	± 0.50% (max ±2.0mm)
	b) Edge Curvature for rectified tiles	± 0.40% (max ±1.8mm)	± 0.40% (max ±1.8mm)
	c) Warpage for non-rectified tiles	± 0.50% (max ±2.0mm)	± 0.50% (max ±2.0mm)
	c) Warpage for rectified tiles	± 0.40% (max ±1.8mm)	± 0.40% (max ±1.8mm)
	Surface Quality*	95%	95%
	Modulus Of Rupture	Min 30 N/mm2	Min 30 N/mm2
	Scratch (Moh's Hardness Scale)	-	Min 6
	Abrasion Resistance (PEI)	Class I ~ V	Min Class III
	Chemical Resistance To	a) Acid	GLA ~ GLC
		b) Alkaline	GLA ~ GLC
	Chemical Resistance To Stain	Min Class 3	Min Class 3
	Crazing Test	No Crazing	No Crazing

\* Free from visible defect

SHADE & TONE VARIATIONS

 **V1**  
UNIFORM  
SHADE & TONE

 **V2**  
SLIGHT  
VARIATION

 **V3**  
MEDIUM  
VARIATION

 **V4**  
STRONG  
VARIATION

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(Wholly Owned Subsidiaries Of YB Ventures Berhad)

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MELMA

H O M O G E N E O U S





MELMA



Melma 600X600 mm 6 random faces



**DARK GREY**

YLH66MM00C 600X600 mm  
YLH63MM00C 300X600 mm



**LIGHT GREY**

YLH66MM04C 600X600 mm  
YLH63MM04C 300X600 mm



COMMERCIAL



RESIDENTIAL



FLOOR



WALL



DRY AREA



WET AREA

TYPE	Homogeneous
SURFACE	Structured
SIZES	600X600 mm 300X600 mm
SHADE VARIATION	V3
TILE EDGES	Rectified
WATER ABSORPTION	B1a
NUMBER OF FACES	6 for 600X600 mm 7 for 300X600 mm