



INNOVATION  
**INNOVATION**  
QUERCIA

*Ultimate Quality,  
Timeless Design*



**WHITE HORSE CERAMIC INDUSTRIES SDN. BHD.**  
(Co. No. 216824-X)

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**WHITE HORSE**  
**DIGITAL**  
Inkjet Printing Technology



**WHITE HORSE**  
CERAMIC

# QUERCIA SERIES

Bring nature home with Quercia Series, the new wood inspired tile collection that elegantly enhances any living environment. Better than wood, our tiles offer the warm glow and charm of natural wood but with the ease of care and durability that tile offers. This latest innovation creates an ambience that is pleasantly relaxing and comforting. A great choice for homes, exterior areas and commercial spaces, they are an eco-friendly alternative to real wood.

At White Horse, we always strive for ultimate quality and timeless design.

An Expression of Style

QUERCIA

HD95117 | 150X900mm

HD93117 | 300X900mm



**QUERCIA**

HD95113 | 150X900mm

HD93113 | 300X900mm



**QUERCIA**

HD95114 | 150X900mm

HD93114 | 300X900mm

**A Reflection of Beauty**

**QUERCIA**

HD95115 | 150X900mm

HD93115 | 300X900mm



## QUERCIA

HD95116 | 150X900mm

HD93116 | 300X900mm



## QUERCIA

HD95112 | 150X900mm

HD93112 | 300X900mm

# PRODUCT COLOUR RANGE

QUERCIA 300X900mm 150X900mm



HD93112

HD95112

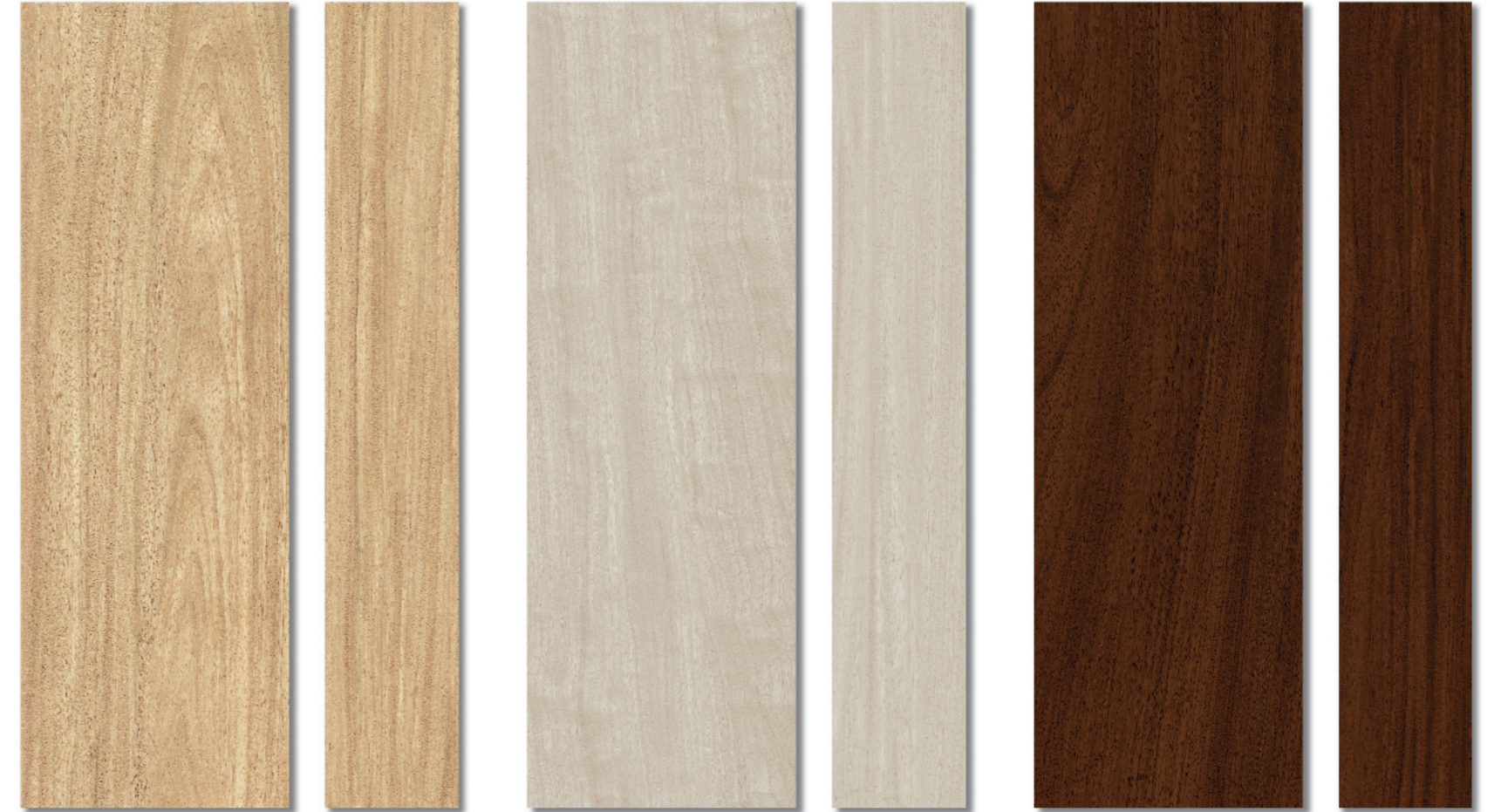
HD93113

HD95113

HD93114

HD95114

QUERCIA 300X900mm 150X900mm



HD93115

HD95115

HD93116

HD95116

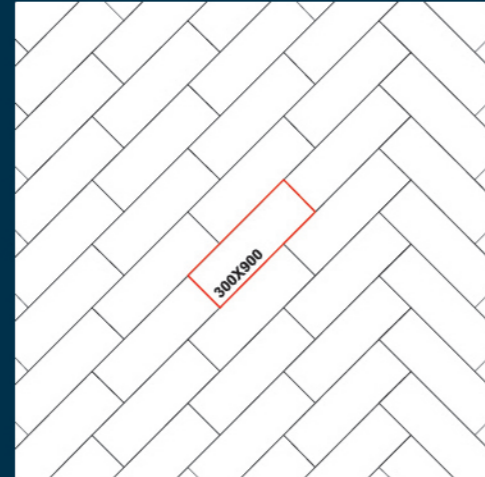
HD93117

HD95117

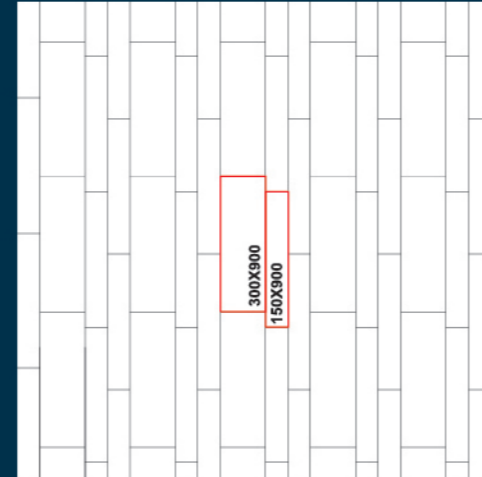
# LAYING SCHEME



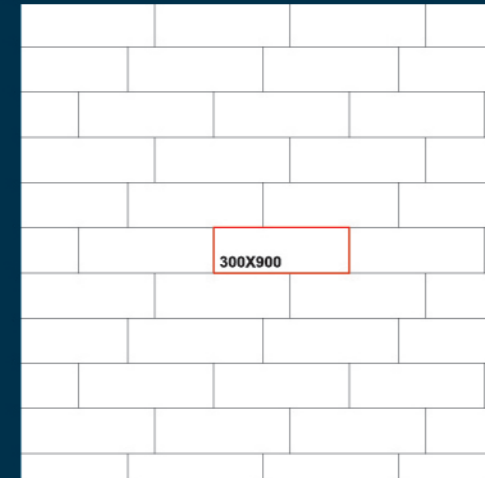
3200X3200



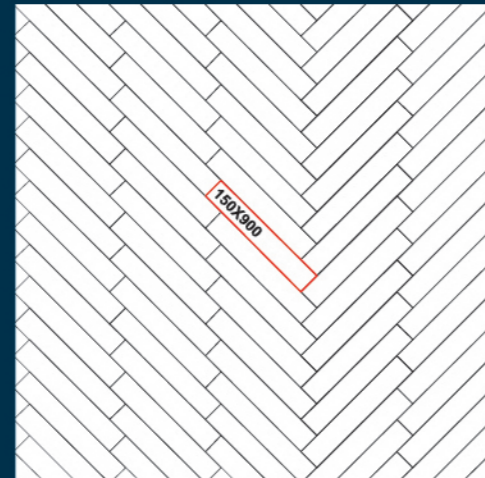
SCHEME 1  
300X900 100%



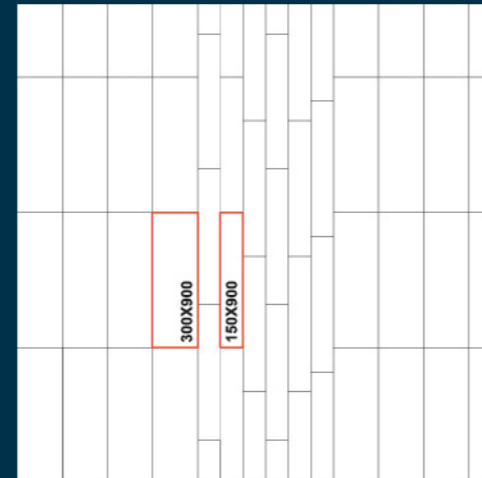
SCHEME 2  
150X900 55.18%  
300X900 44.82%



SCHEME 3  
300X900 100%



SCHEME 4  
150X900 100%



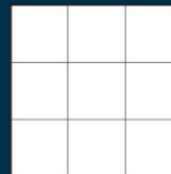
SCHEME 5  
150X900 29%  
300X900 71%

# WHITE HORSE TEST REPORTS

DIMENSIONS AND SURFACE QUALITY	PORCELAIN TILES - GROUP BIa		PHYSICAL PROPERTIES	PORCELAIN TILES - GROUP BIa		CHEMICAL PROPERTIES	PORCELAIN TILES - GROUP BIa	
	ISO 13006 Standard	White Horse Tiles (Test Result By SIRIM)		ISO 13006 Standard	White Horse Tiles (Test Result By SIRIM)		ISO 13006 Standard	White Horse Tiles (Test Result By SIRIM)
Length and Width	± 0.6%	Passed	Water Absorption	Maximum 0.5%	Average 0.07% Individual Maximum 0.10%	Chemical Resistance To Household Chemical Of Glazed Tiles	Minimum GB	No Visible Effect (GA)
Thickness	± 5%	Passed	Breaking Strength	Not Less Than 1300N	Average 2000N	Chemical Resistance To Swimming Pool Salts Of Glazed Tiles	Minimum GB	No Visible Effect (GA)
Straightness of Sides	± 0.5%	Passed	Modulus of Rupture	Minimum 35N/mm <sup>2</sup>	Average 63N/mm <sup>2</sup> Individual Minimum 56N/mm <sup>2</sup>	Chemical Resistance To Hydrochloric Acid (3%) Of Glazed Tiles	GLA: No Visible Effect	GLA
Rectangularity	± 0.6%	Passed	Resistance to Deep Abrasion of Unglazed Tiles	Maximum 175mm <sup>3</sup>	126mm <sup>3</sup>	Chemical Resistance To Citric Acid (100g/l) Of Glazed Tiles		GLB: Definite Change In Appearance
Flatness of Surface	± 0.5%	Passed	Resistance to Surface Abrasion of Glazed Tiles	Class 3: For Normal Footwear	Class 4: For Regular Traffic With Some Scratching Dirt	Chemical Resistance To Potassium Hydroxide (30g/l) Of Glazed Tiles	GLC: Partial Or Complete Loss Of The Original Surface	GLA
Centre Curvature								
Edge Curvature	± 0.5%	Passed	Crazing Resistance	No Crazing Observed	Passed	Staining Resistance Test Of Glazed Tiles	Minimum Class 3	Class 5 (Stain Can Be Easily Removed With Running Hot Water)
Warpage	± 0.5%	Passed						
Surface Quality	A minimum of 95% free from visible defects							

## SHADE & TONALITIES

**V1** UNIFORM  
FROM TILE TO TILE



**V1**

Colour range and tonality within the same shade is fairly uniform from tile to tile.

Minimal to zero difference among tiles from the same production run.

**V2** SLIGHTLY NOTICEABLE  
FROM TILE TO TILE



**V2**

Colour range and tonality within the same shade is slightly noticeable from tile to tile.

Visibly distinguished difference in design or pattern with minimal change in colour tones.

**V3** MODERATELY NOTICEABLE  
FROM TILE TO TILE



**V3**

Colour range and tonality within the same shade is moderately noticeable from tile to tile.

Visibly distinguished difference in design or pattern.

**V4** DISTINCTLY NOTICEABLE  
FROM TILE TO TILE



**V4**

Colour range and tonality within the same shade is distinctly noticeable from tile to tile.

Random colour differences from tile to tile create the possibility of unique tile compositions.

- The accuracy of colours shown in this brochure is as close as the printing process will allow.
- The appearance of tiles featured in this brochure may differ from the actual items sold. The pictures are only illustrative of the tile combinations.
- White Horse Ceramic Industries Sdn. Bhd. reserves the right to amend the colour range or specifications of tiles at any time and without notice.