

INNOVATION

ALPS STONE

*Ultimate Quality,
Timeless Design*



WHITE HORSE
CERAMIC

ALPS STONE SERIES

Inspired by natural elements, the Alps Stone Series creates timeless environments with the beauty of natural stone blended with the durability of tiles. The growing attention to sustainable building, ecology and faster pace of life has led us to create tiles with the look and feel of stone, but without all of the concern. Perfect for walls or flooring in homes, commercial areas, indoor or outdoor spaces, their elegantly rustic finish never fail to impress.

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

Elegantly
Redefined



ALPS STONE

HD62115 | 600X1200mm





ALPS STONE

HD62116 | 600X1200mm



PRODUCT COLOUR RANGE

ALPS STONE 300X600mm 600X600mm 600X1200mm



HD62115



HD60115



HD36115



HD62116



HD60116

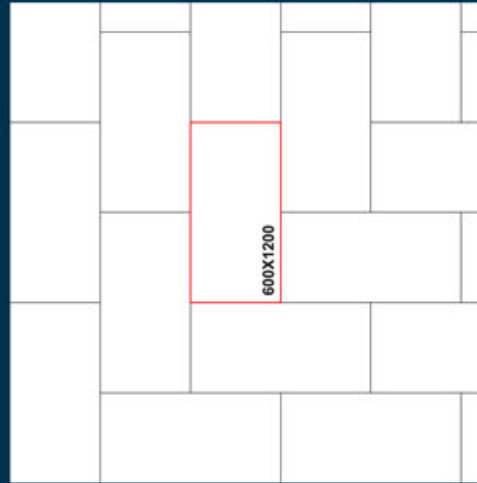


HD36116

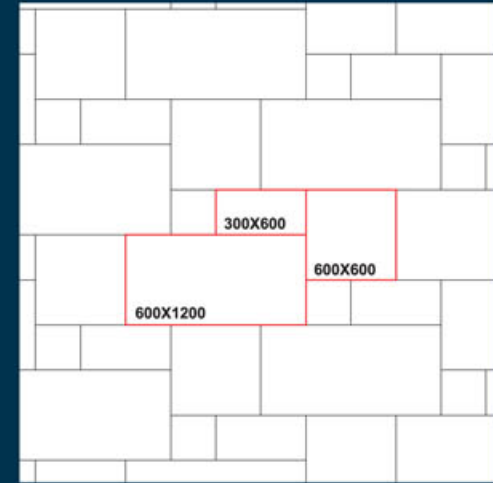
LAYING SCHEME



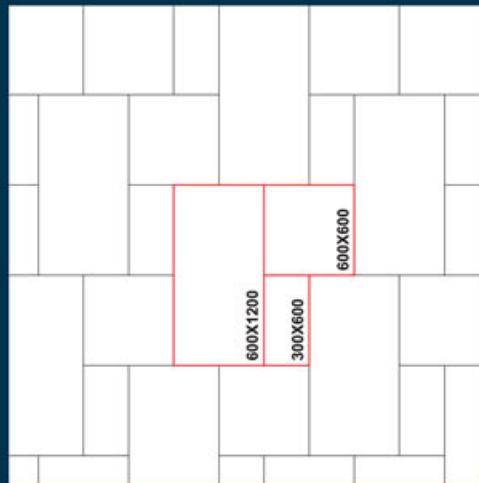
3200X3200



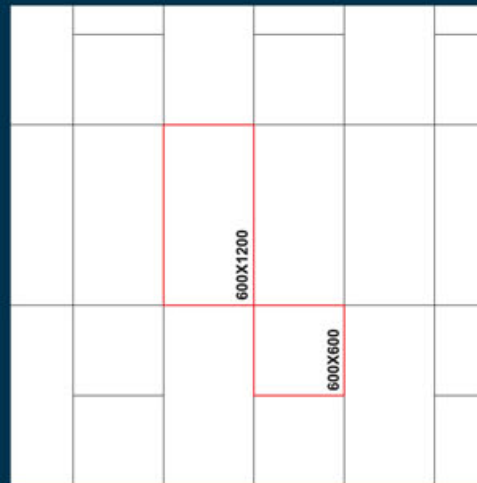
SCHEME 1
600X1200 100%



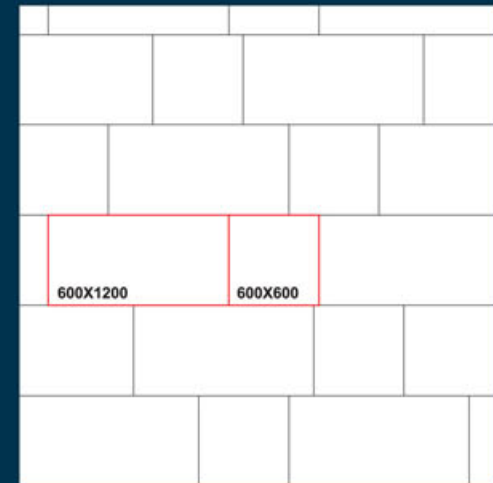
SCHEME 2
600X1200 63.09%
300X600 12.30%
600X600 24.61%



SCHEME 3
600X600 28.13%
600X1200 49.22%
300X600 22.65%















SCHEME 4
600X1200 82.42%
600X600 17.58%



SCHEME 5
600X1200 71.87%
600X600 28.13%

WHITE HORSE TEST REPORTS

DIMENSIONS AND SURFACE QUALITY	PORCELAIN TILES - GROUP BIa		CERAMIC FLOOR TILES - GROUP BIa		CERAMIC WALL TILES - GROUP BIII		PHYSICAL PROPERTIES	PORCELAIN TILES - GROUP BIa		CERAMIC FLOOR TILES - GROUP BIa		CERAMIC WALL TILES - GROUP BIII		CHEMICAL PROPERTIES	PORCELAIN TILES - GROUP BIa		CERAMIC FLOOR TILES - GROUP BIa		CERAMIC WALL TILES - GROUP BIII	
	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)		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)		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	± 0.6%	Passed	± 0.5%	Passed	 Water Absorption	Maximum 0.5%	Average 0.07% Individual Maximum 0.10%	3% < E < 6%	Average 5% Individual Maximum 5.6%	Minimum 10%	Average 12.8% Individual Maximum 13.8%	 Chemical Resistance To Household Chemical Of Glazed Tiles	Minimum GB	No Visible Effect (GA)	Minimum GB	No Visible Effect (GA)	Minimum GB	No Visible Effect (GA)
Thickness	± 5%	Passed	± 5%	Passed	± 10%	Passed	 Breaking Strength	Not Less Than 1300N	Average 2000N	Not Less Than 1000N	Average 1280N	Not Less Than 600N	Average 990N	 Chemical Resistance To Swimming Pool Salts Of Glazed Tiles	Minimum GB	No Visible Effect (GA)	Minimum GB	No Visible Effect (GA)	Minimum GB	No Visible Effect (GA)
Straightness of Sides	± 0.5%	Passed	± 0.5%	Passed	± 0.3%	Passed	 Modulus of Rupture	Minimum 35N/mm ²	Average 63N/mm ² Individual Minimum 56N/mm ²	Minimum 22N/mm ²	Average 40N/mm ² Individual Minimum 39N/mm ²	Minimum 15N/mm ²	Average 32N/mm ² Individual Minimum 30N/mm ²	 Chemical Resistance To Hydrochloric Acid (3%) Of Glazed Tiles	GLA: No Visible Effect	GLA	GLA: No Visible Effect	GLA	GLA: No Visible Effect	GLA
Rectangularity	± 0.6%	Passed	± 0.6%	Passed	± 0.5%	Passed	 Resistance to Deep Abrasion of Unglazed Tiles	Maximum 175mm ³	126mm ³	N/A	N/A	N/A	N/A	 Chemical Resistance To Citric Acid (100g/l) Of Glazed Tiles	GLB: Definite Change In Appearance	GLA	GLB: Definite Change In Appearance	GLA	GLB: Definite Change In Appearance	GLA
Flatness of Surface	± 0.5%	Passed	± 0.5%	Passed	+ 0.5% - 0.3%	Passed	 Resistance to Surface Abrasion of Glazed Tiles	Class 3: For Normal Footwear	Class 3: For Normal Footwear	Class 3: For Normal Footwear	Class 3: For Normal Footwear	Class 3: For Normal Footwear	Class 3: For Normal Footwear	 Chemical Resistance To Potassium Hydroxide (30g/l) Of Glazed Tiles	GLC: Partial Or Complete Loss Of The Original Surface	GLA	GLC: Partial Or Complete Loss Of The Original Surface	GLA	GLC: Partial Or Complete Loss Of The Original Surface	GLA
Centre Curvature	± 0.5%	Passed	± 0.5%	Passed	+ 0.5% - 0.3%	Passed		Class 4: For Regular Traffic With Some Scratching Dirt	Class 4: For Regular Traffic With Some Scratching Dirt	Class 4: For Regular Traffic With Some Scratching Dirt	Class 4: For Regular Traffic With Some Scratching Dirt	Class 4: For Regular Traffic With Some Scratching Dirt	Class 4: For Regular Traffic With Some Scratching Dirt		GLC: Partial Or Complete Loss Of The Original Surface	GLA	GLC: Partial Or Complete Loss Of The Original Surface	GLA	GLC: Partial Or Complete Loss Of The Original Surface	GLA
Edge Curvature	± 0.5%	Passed	± 0.5%	Passed	+ 0.5% - 0.3%	Passed		Class 4: For Regular Traffic With Some Scratching Dirt	Class 4: For Regular Traffic With Some Scratching Dirt	Class 4: For Regular Traffic With Some Scratching Dirt	Class 4: For Regular Traffic With Some Scratching Dirt	Class 4: For Regular Traffic With Some Scratching Dirt	Class 4: For Regular Traffic With Some Scratching Dirt		GLC: Partial Or Complete Loss Of The Original Surface	GLA	GLC: Partial Or Complete Loss Of The Original Surface	GLA	GLC: Partial Or Complete Loss Of The Original Surface	GLA
Warpage	± 0.5%	Passed	± 0.5%	Passed	± 0.5%	Passed	 Crazing Resistance	No Crazing Observed	Passed	No Crazing Observed	Passed	No Crazing Observed	Passed	 Staining Resistance Test Of Glazed Tiles	Minimum Class 3	Class 5 (Stain Can Be Easily Removed With Running Hot Water)	Minimum Class 3	Class 5 (Stain Can Be Easily Removed With Running Hot Water)	Minimum Class 3	Class 5 (Stain Can Be Easily Removed With Running Hot Water)
Surface Quality	A minimum of 95% free from visible defects	Passed	A minimum of 95% free from visible defects	Passed	A minimum of 95% free from visible defects	Passed		No Crazing Observed	Passed	No Crazing Observed	Passed	No Crazing Observed	Passed		Minimum Class 3	Class 5 (Stain Can Be Easily Removed With Running Hot Water)	Minimum Class 3	Class 5 (Stain Can Be Easily Removed With Running Hot Water)	Minimum Class 3	Class 5 (Stain Can Be Easily Removed With Running Hot Water)

• 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.



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