WOODVENTA HPL
Exterior Grade Compact Panel

Crafting Excellence at Woodventa

We are a leading manufacturer of
High Pressure Laminate (HPL) sheets.

www.woodventahpl.com

WOODVENTA HPL
Exterior Grade Compact Panel

Woodventa HPL is a leading manufacturer of High Pressure Laminate (HPL) sheets and exterior-grade compact panels, proudly crafted in Morbi. We prioritize innovation, quality, and sustainability, delivering products that combine aesthetic appeal with exceptional durability.

Serving global markets, our solutions are trusted by architects and designers worldwide.

At Woodventa HPL, we specialize in crafting High Pressure Laminate (HPL) sheets and exterior-grade compact panels from Morbi.

Our commitment to excellence ensures top-tier durability and design, catering to global markets including the USA, UK, and Germany. Trust us to bring quality, innovation, and sophistication to your architectural projects.

Exceptional
Durability

Our product is engineered to withstand wear and tear, ensuring long-lasting performance in any area.

Design
Versatility

Our HPL sheets offer a range of colours & finishes, providing endless possibilities for creative expression.

Weather
Resistance

Ideal for both interior & exterior applications, our products are designed to resist harsh environmental conditions.

Select Woodventa HPL for unparalleled quality and innovation. Our high-pressure laminate solutions offer exceptional durability and design versatility, backed by sustainable practices and superior craftsmanship. Trust us to deliver products that enhance your projects and stand the test of time.

Superior **Quality**

Innovative **Design**

Sustainable **Practices**

Global **Reach**

Custom **Solutions**

Dedicated **Support**

Certified to
Deliver the Best

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Designed for

Every Space

Woodventa HPL is used in diverse applications, from chic residential interiors to robust commercial exteriors. Our high-quality sheets are perfect for modern offices, luxurious hotels, innovative retail spaces, and more, delivering durability and style across all environments.

Airports

School

Discotheque

Hospital

Hotels

Malls

Offices

Residence

Religious Places

Corridors Halls

Restaurants Cafes

Public Places

Wooden
Collection

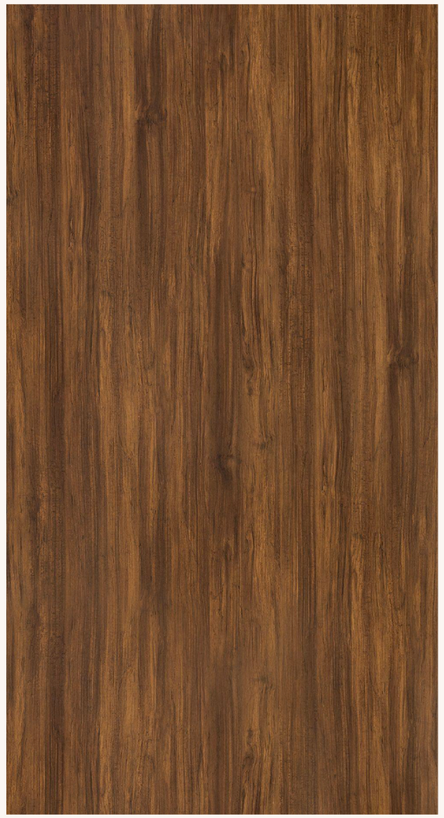
Available Sizes

1220 x 2440 MM
1220 x 3050 MM

101

102

103



104

105

Wooden
Collection

Available Sizes

1220 x 2440 MM
1220 x 3050 MM

106

107

108

109

110

Wooden
Collection

Available Sizes

1220 x 2440 MM
1220 x 3050 MM

111

112

113

114

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Marble
Collection

Available Sizes

1220 x 2440 MM
1220 x 3050 MM

201

202

203

204

205

Marble
Collection

Available Sizes

1220 x 2440 MM
1220 x 3050 MM

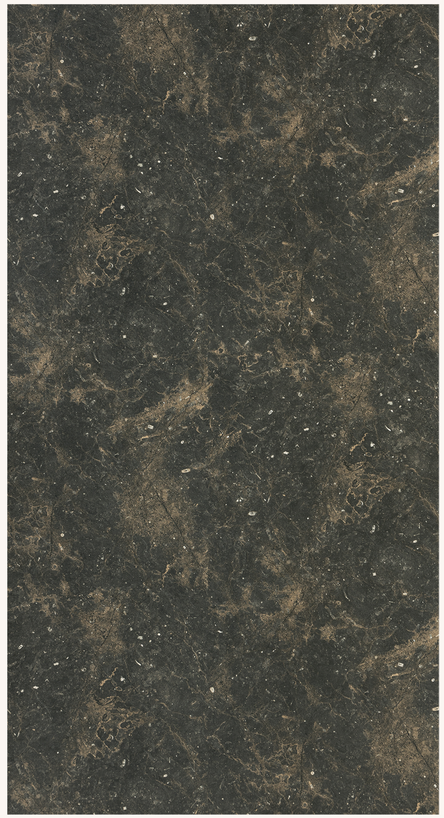
206

207

208

209

210



Marble
Collection

Available Sizes

1220 x 2440 MM
1220 x 3050 MM

211

212

213

Technical
Specification

PROPERTIES	TEST STANDARD	UNIT	SPECIFIED VALUES	TYPICAL TEST VALUES	SPECIFIED VALUES	TYPICAL TEST VALUES
Classification	EN 438-6-Cl. 4: 2016		EXTERIOR, SEVERE USE FLAME RETARDANT GRADE, EDF			
PHYSICAL & DIMENSIONAL PROPERTIES						
Nominal Thickness		mm	6.0		8.0	
Thickness Variation	EN 438-2 – 5	mm	6.0 ± 0.40	6.0 ± 0.30	8.0 ± 0.50	8.0 ± 0.35
Length and width Variation	EN 438-2 – 6	mm	1220 X 2440 +10mm /-0mm	+5mm /-0mm	+10mm /-0mm	+5mm /-0mm
Edges Straightness	EN 438-2 – 7	mm/M	1.5 (max)	≤ 1	1.5 (max)	≤ 1
Edges Squareness	EN 438-2 – 8	mm/M	1.5 (max)	Complies	1.5 (max)	Complies
Flatness	EN 438-2 – 9	mm/M	5.0 (max)	Complies	5.0 (max)	Complies
Density	EN ISO 1183 -1:2004	g/cm³	1.35	1.38	1.35	1.38
Dimensional Stability at Elevated Temperature	EN 438-2 -17					
Longitudinal Direction		%	0.30 (max.)	0.18	0.30 (max.)	0.17
Transverse Direction		%	0.60 (max)	0.38	0.60 (max)	0.35
MECHANICAL PROPERTIES						
Resistance to wet conditions,	EN 438-2 : 15					
Increase in mass		%	8.0 (max)	4.1	8.0 (max)	4.0
Surface Rating		Rating	4 (min)	5	4 (min)	5
Edge Rating		Rating	3 (min)	3	3 (min)	3
Resistance to climatic shock	EN 438-2 : 19	Rating	Appearance -4 (min)	4	Appearance -4 (min)	4
		Index	D_s – 0.80 (min)	≥ 0.95	D_s – 0.80 (min)	≥ 0.95
		Index	D_m – 0.80 (min)	≥ 0.95	D_m – 0.80 (min)	≥ 0.95
Resistance to Impact by Large Diameter Ball						
Drop Height	EN 438-2 -22	mm	1800	2000	1800	2000
Diameter of Indentation		mm	10 (max)	7	10 (max)	7
Flexural Strength	EN ISO 178:2003	Mpa	80 (min)	100	80 (min)	100
Flexural Modulus	EN ISO 178:2003	Mpa	9000(min)	10700	9000(min)	10700
Thermal Conductivity	EN 12524:2000	W/M°K	No requirement	0.24	No requirement	0.24
Resistance to fixing (Screw pull out strength)	ISO 13894-1; 9	N	2000 (min)	≥2000	2000 (min)	≥2000

Benefits of

HPL Sheet

UV Resistance

Fire Resistance

Ease Of Installation

Frost Resistance

Heat Resistance

Anti Bacterial

Acid Resistance

Chemical Resistance

Water Proof

WOODVENTA HPL

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