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Data studied

Dimensions	Groove	Weight	Surface Density
2400mm×600mm×21mm	13mm	7.7kg	7.53kg/m2

WJC2023 600*2900mm

21mm

600mm

WENGUE

OAK

TAUPE

WJC-2023-MBW-61493

WJC2023-MBW-60320

WJC2023-MBW-41132

a_m=0.68
a_m=0.70

Average acoustic Absorption coefficient

a_w=0.80
a_w=0.80

Weighted acoustic Absorption coefficient

NCR=0.80
NCR=0.80

Noise reduction coefficient
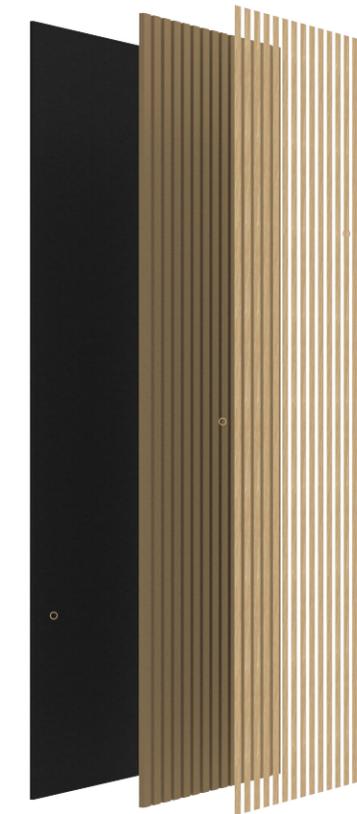
SUPERIOR SOUND ABSORPTION:

Designed with precision-engineered PS strips, these acoustic panels effectively reduce noise and echo, creating a quieter and more comfortable environment.

DURABLE PVC FILM COATING:

The panels are wrapped in high-quality PVC film, offering exceptional resistance to scratches, moisture, and wear, ensuring long-lasting performance.

SLEEK AND MODERN DESIGN:

Available in a variety of colors, textures, and finishes, these panels seamlessly blend functionality with aesthetics, enhancing any interior decor.

Test Condition

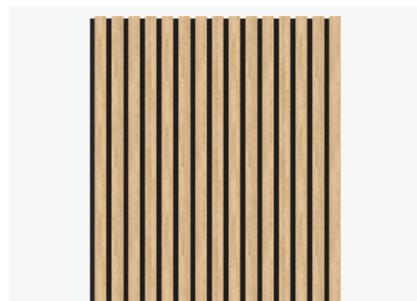| Ambient Temperature	15.0℃	Relative Humidity	86.8%RH
Volume Reverberation Room	260m³	Test Area	10.8m² (3.6m×3.0m)
Description of Test Arrangement	The installation of samples refers to type E mounting. The samples are installed in the reverberation room, use baffle to enclosure. 100mm back cavity.		

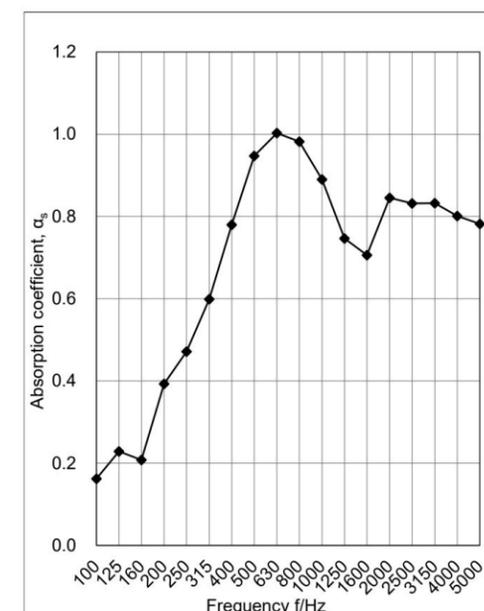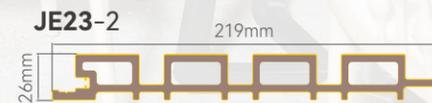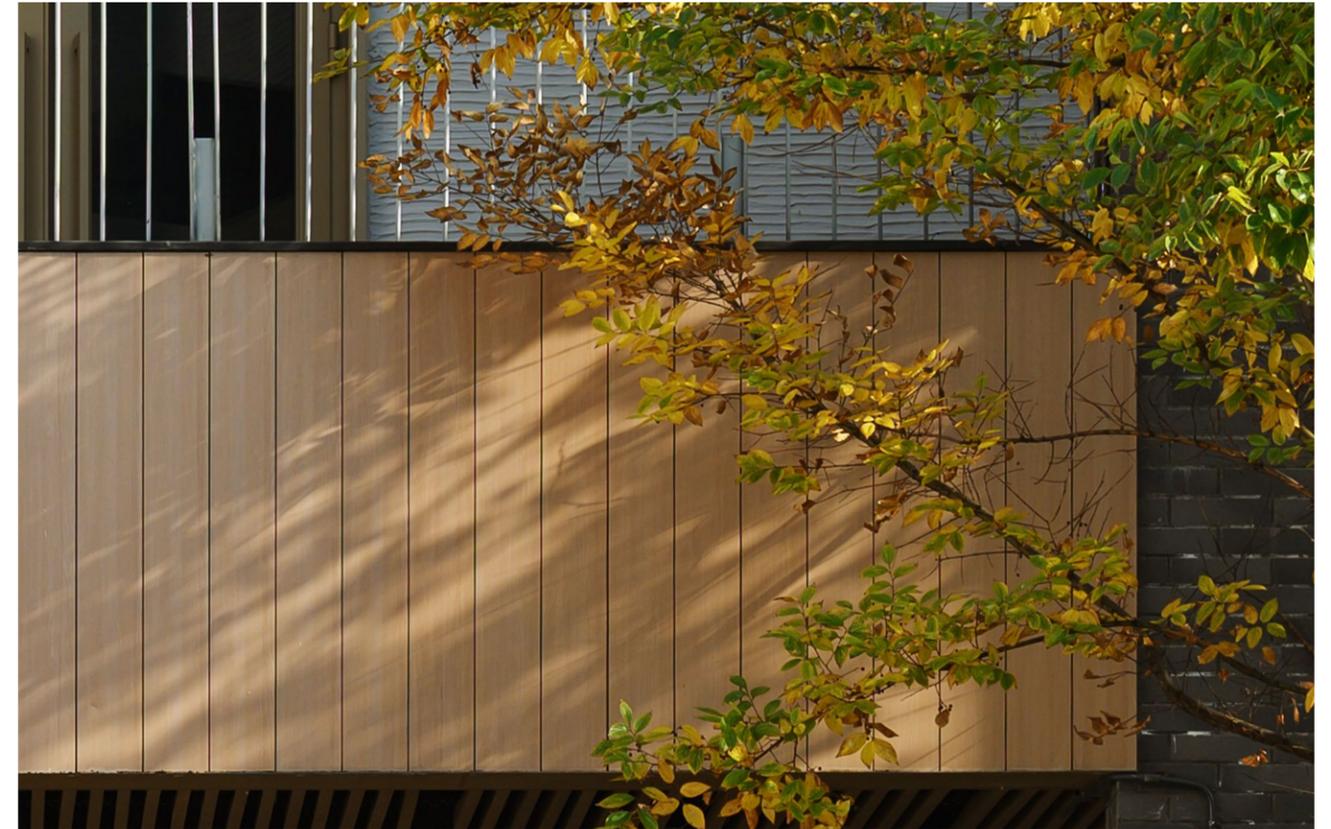Noise Reduction   Easy to Install   Real Texture   Decorative

Anti-Corrosion   Easy to Install   Eco-Friendly   Waterproof   No Heavy Metal

JE23-2
219mm
26mm

Anti-Corrosion   Easy to Install   Eco-Friendly   Waterproof   No Heavy Metal

■ JE23-2   219*2900mm

CREAM
JE23-2C-CR

DARK COFFEE
JE23-2C-DC

TEAK A
JE23-2D-TA

TEAK B &BLACK
JE23-2D-TB&BK

MAPLE WOOD&BLACK
JE23-2B-MW&BK
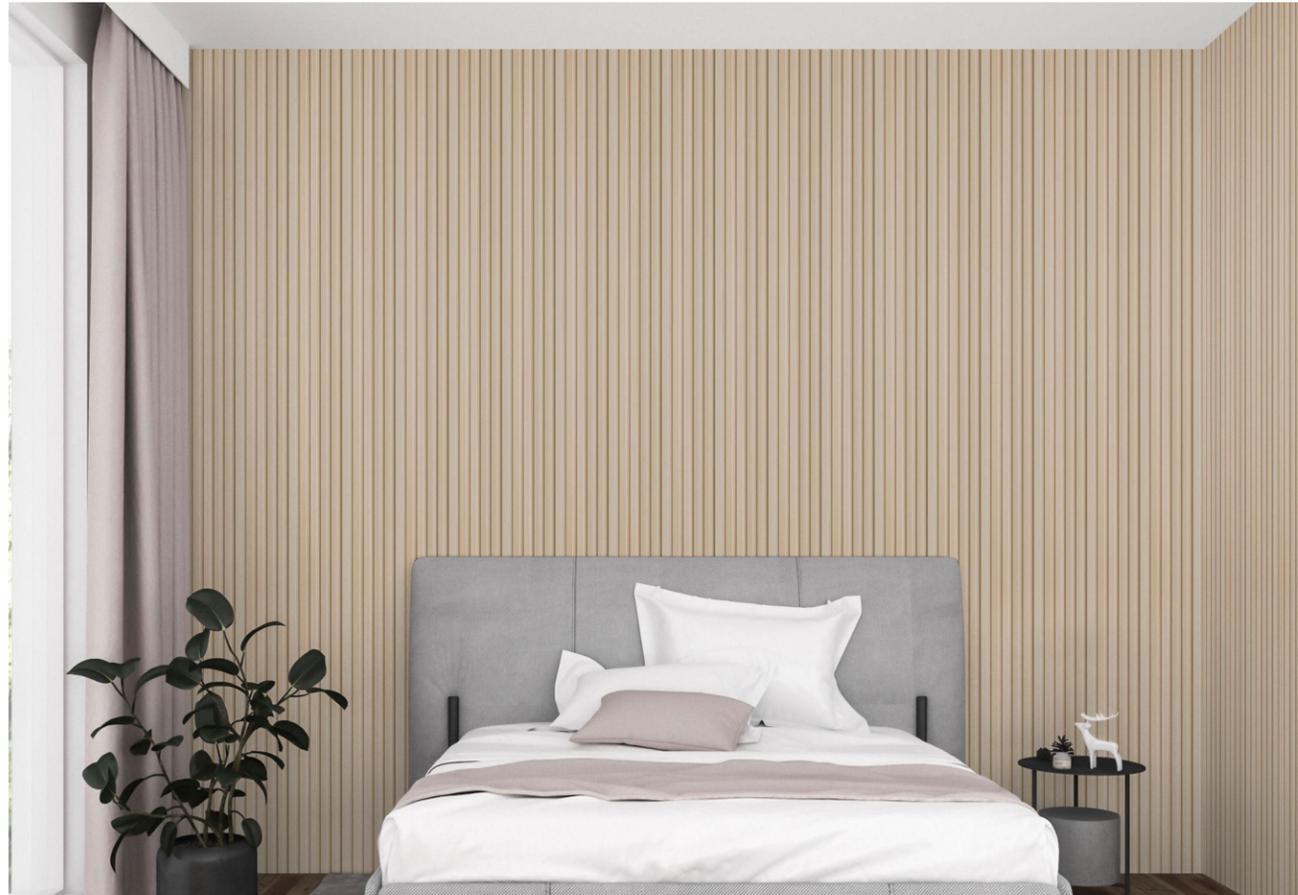
■ JE24-2   156*2900mm

156mm
21mm

MAPLE WOOD
JE24-2A-MW

TEAK A
JE24-2A-TB

DARK COFFEE
JE24-2A-DC

■ JE32-2   127*2900mm

127mm
21mm

MAPLE WOOD
JE32-2B-MW

TEAK A
JE32-2B-TA

DARK COFFEE
JE32-2B-DC

Fireproof Waterproof Easy to Install Eco-Friendly Formaldehyde-Free No Heavy Metal

37.5mm 27mm 9mm 166.5mm

JF205 JF166 JF206

40.5mm 25mm 22mm 168mm

JF207 JF184 JF208

■ JF166 166.5*2900mm

JF205 MAPLE JF206
JF166-HFK-01306

IVORY
JF166-HFK-30110

KHAKI
JF166-HFK-03019

LIGHT GREY
JF166-HFK-03014

DARK GREY
JF166-HFK-03016

BIRCH
JF166-HFK-50416

GREY WOOD
JF166-HFK-60510

WALNUT
JF166-HFK-90416

TEAK
JF166-HFK-09111

■ JF184 168*2900mm

JF207 MAPLE JF208
JF184-HFK-01306

IVORY
JF184-HFK-30110
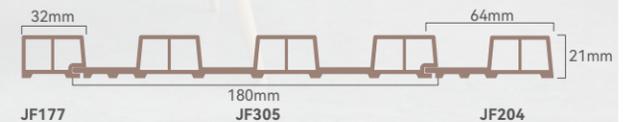
KHAKI
JF184-HFK-03019

LIGHT GREY
JF184-HFK-03014

DARK GREY
JF184-HFK-03016

BIRCH
JF184-HFK-50416

GREY WOOD
JF184-HFK-60510

WALNUT
JF184-HFK-90416

TEAK
JF184-HFK-09111

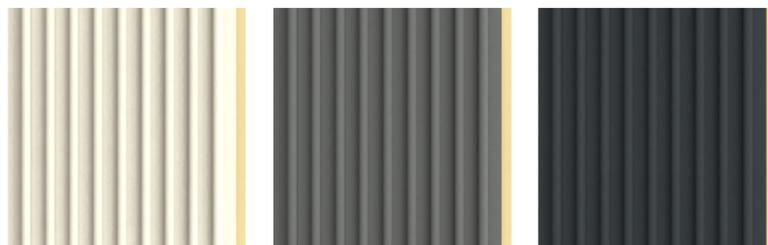Fireproof | Waterproof | Easy to Install | Eco-Friendly | Formaldehyde-Free | No Heavy Metal

12mm
100mm
JF318

Fireproof | Waterproof | Easy to Install | Eco-Friendly | Formaldehyde-Free | No Heavy Metal

32mm | 64mm | 21mm
180mm
JF177 | JF305 | JF204

■ JF318 100*2900mm

MAPLE	BIRCH	GREY WOOD	WALNUT	TEAK
JF318-HFK-01306	JF318-HFK-50416	JF318-HFK-60510	JF318-HFK-90416	JF318-HFK-09111

IVORY	LIGHT GREY	DARK GREY
JF318-HFK-30110	JF318-HFK-03014	JF318-HFK-03016

■ JF305 180*2900mm

MAPLE			IVORY	KHAKI	LIGHT GREY
JF177	JF305-HFK-01306	JF204	JF305-HFK-30110	JF305-HFK-03019	JF305-HFK-03014

BIRCH	GREY WOOD	WALNUT	TEAK
JF305-HFK-40416	JF305-HFK-60510	JF305-HFK-90416	JF305-HFK-09111

Fireproof Waterproof Easy to Install Eco-Friendly Formaldehyde-Free No Heavy Metal

40mm
15mm GROOVE SIZE **40MM**
50mm
JF315

Fireproof Waterproof Easy to Install Eco-Friendly Formaldehyde-Free No Heavy Metal

60mm
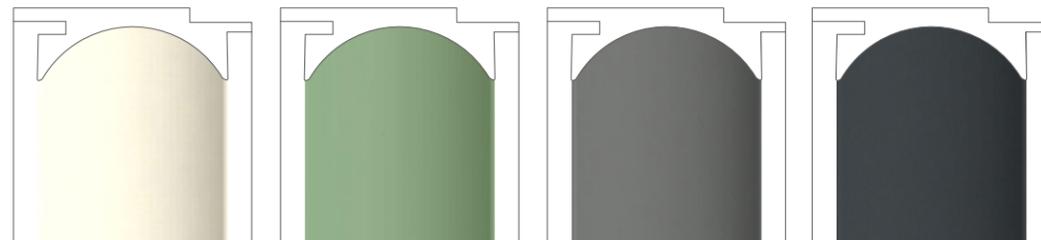15mm GROOVE SIZE **60MM**
70mm
JF316

JF315 50*2900mm

MAPLE JF315-HF-01306	WALNUT JF315-HF-50416	GREY WOOD JF315-HF-60510	WALNUT JF315-HF-90416	TEAK JF315-HF-09111

IVORY JF315-HF-30110	SAGE JF315-HF-30111	LIGHT GREY JF315-HF-03014	DARK GREY JF315-HF-03016

JF316 70*2900mm

MAPLE JF316-HF-01306	WALNUT JF316-HF-50416	GREY WOOD JF316-HF-60510	WALNUT JF316-HF-90416	TEAK JF316-HF-09111
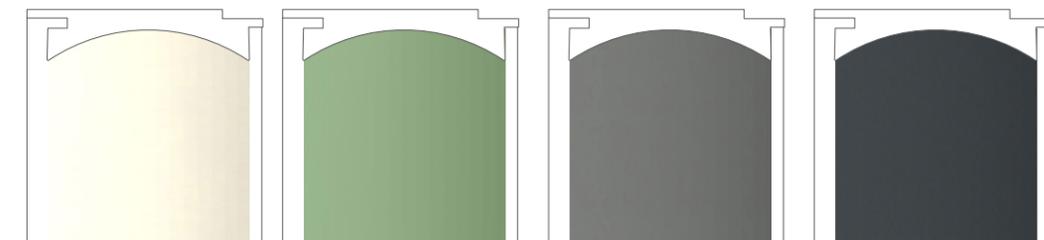
IVORY JF316-HF-30110	SAGE JF316-HF-30111	LIGHT GREY JF316-HF-03014	DARK GREY JF316-HF-03016

JF194 22.5*2900mm

MAPLE
JF194-HFK-01306

BIRCH
JF194-HFK-50416

GREY WOOD
JF194-HFK-60510

WALNUT
JF194-HFK-90416

TEAK
JF194-HFK-09111

IVORY
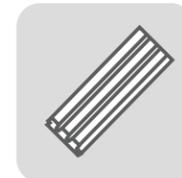JF194-HFK-30110

KHAKI
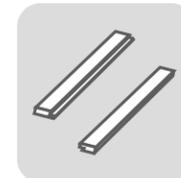JF194-HFK-03019

LIGHT GREY
JF194-HFK-03014

DARK GREY
JF194-HFK-03016

INSTALLATION TOOLS

Wall Panel

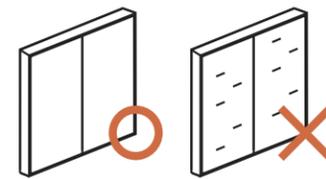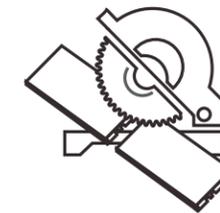Coordinating Mouldings

Circular Saw
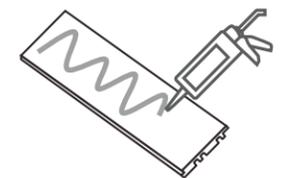
Tape Measure

Steam Nailer

Non–Solvent Based Adhesive

INSTALLATION

1 If wall is not flat – Prep-work with POP to make wall flat and smooth before installation.

2 Circular saw can be used for cutting.

3 Apply non–solvent based adhesive on the back of wall panel.
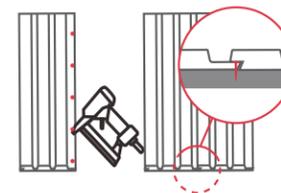
4 Wall panel can be installed in both horizontal and vertical direction.Apply air-tacker on the edge of the tongue to hide the pin-marks.

5 For corner, combine the two grooves.

90°

6 Coordinating mouldings can be used for clean and nice finish.

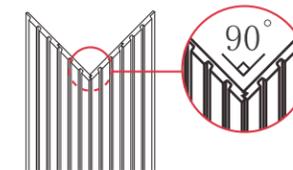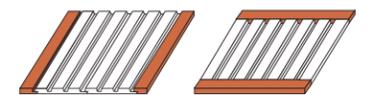Waterproof   Eco-Friendly   Easy to Install   Formaldehyde-Free   No Heavy Metal   Insect-Resistant

42.3mm   26.5mm   12mm

122mm

JC1021   JC1020   JC1022
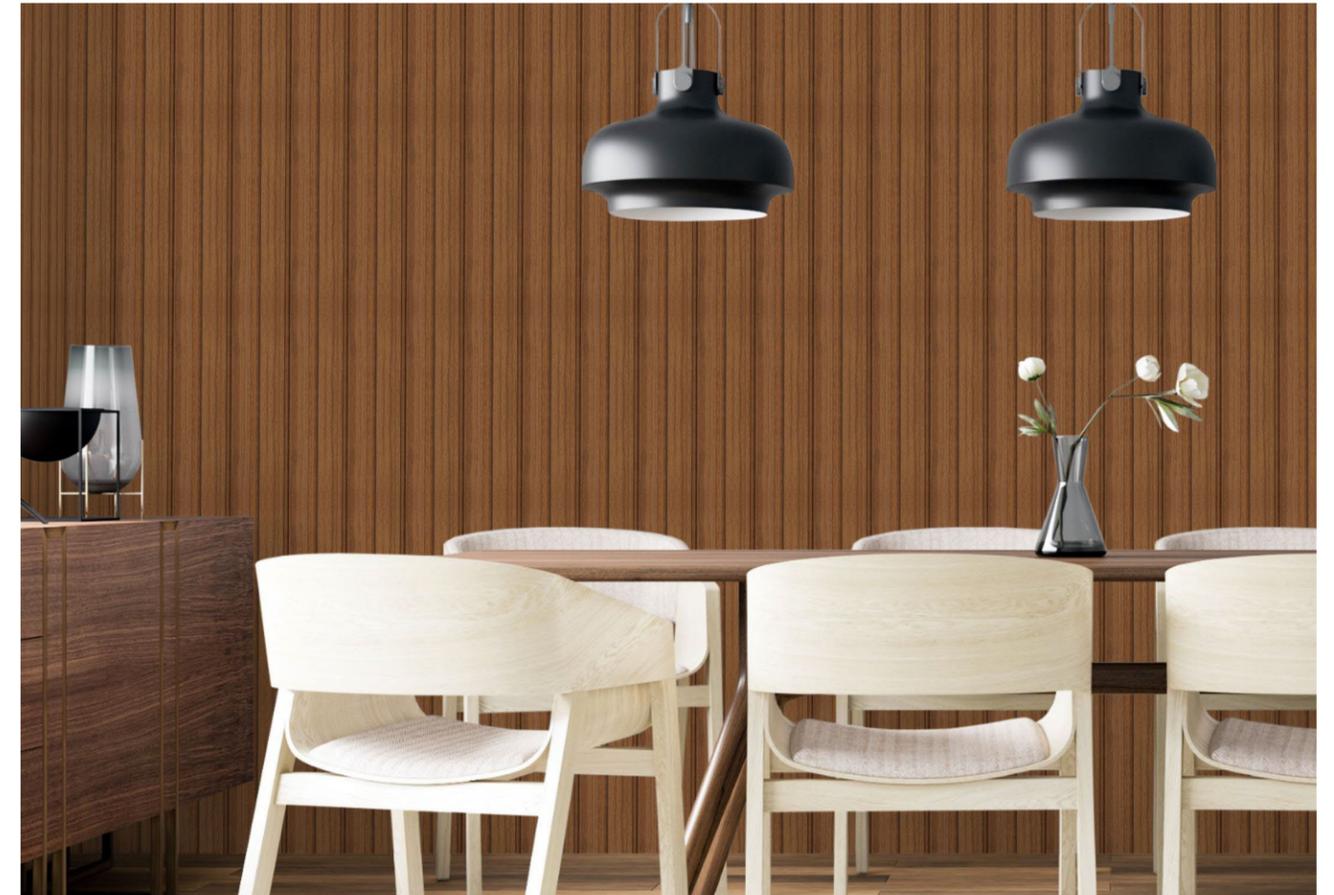
◼ JC1020 122*2440mm

| JC1022 | MAPLE | JC1020-20155QT | JC1021 | WHITE | JC1020-W1 | L. GRAY | JC1020-I-329 | D. GRAY | JC1020-I-3291 |

| L. TEAK | JC1020-389 | CHERRY | JC1020-1302 | LIGHT COFFEE JC1020-142491 |

Icons
Waterproof   Eco-Friendly   Easy to Install   Formaldehyde-Free No Heavy Metal   Insect-Resistant

62.5mm   31.5mm   21mm
122mm
JC1064   JC1047   JC1065
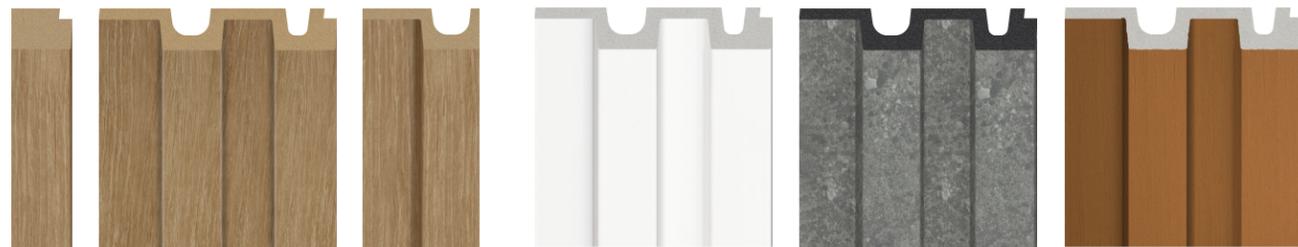
■ JC1047   122*2440mm

| JC1064 | BEECH JC1047-E-711 | JC1065 | WHITE JC1047-W1 | D. GRAY JC1047-172 | L. TEAK JC1047-389 |

BROWN OAK JC1047-E-21934   D. WALNUT JC1047-E-03

Icons
Waterproof   Eco-Friendly   Easy to Install   Formaldehyde-Free No Heavy Metal   Insect-Resistant

42.3mm   26.5mm   12mm
122mm
JC1021   JC1020   JC1022

■ JC962   122*2440mm

| JC1022 | MAPLE JC962-20155QT | JC1021 | WHITE JC962-W1 | CREAM JC962-076 | BROWN JC962-824 |

BEECH JC962-E-711   TEAK JC962-E-23   LIGHT COFFEE JC962-142491   CHERRY JC962-1302

Waterproof	Eco-Friendly	Easy to Install	Formaldehyde-Free No Heavy Metal	Insect-Resistant	

42.3mm 26.5mm 12mm
122mm

JC1021   JC963   JC1022

■ JC963   122*2440mm

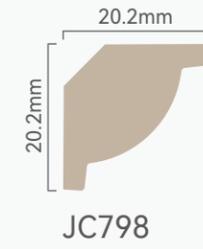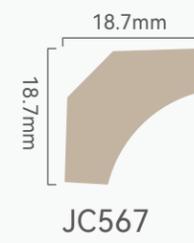| JC1022	OAK	JC963-E-896	JC1021	WHITE	JC963-W1	COPPER/BLACK JC963-E-032	TEAK W/ BLACK JC963-E-23B

TEAK   JC963-E-23   CHERRY   JC963-E-1302   WENGUE   JC963-E-08954
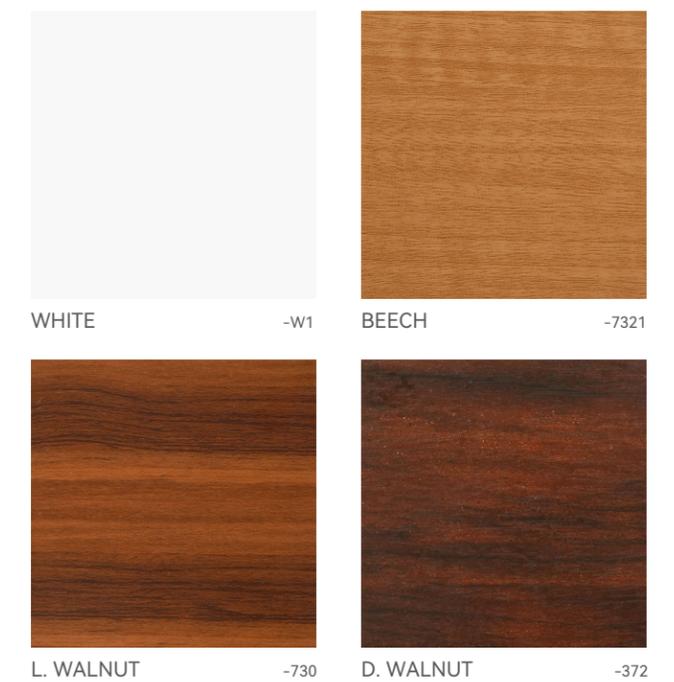
17

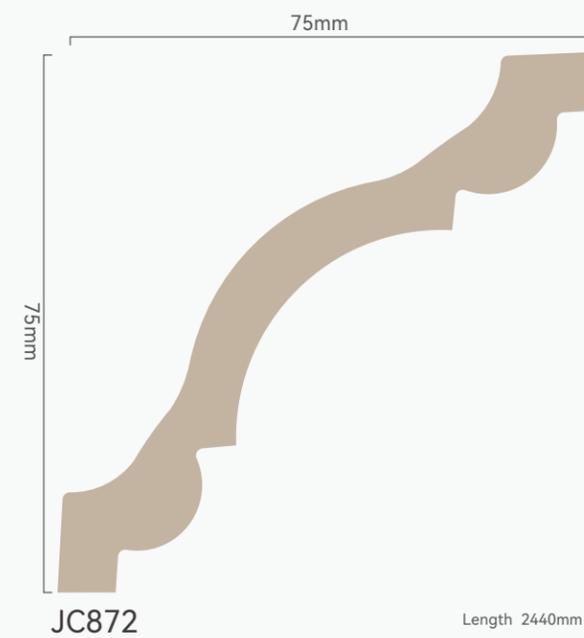|					
Waterproof	Eco-Friendly	Easy to Install	Formaldehyde-Free No Heavy Metal	Insect-Resistant	

42.3mm 26.5mm 12mm
122mm

JC1021   JC971   JC1022

■ JC971   122*2440mm

JC1022	MAPLE	JC971-20155QT	JC1021	TEAK	JC971-E-23	CHERRY	JC971-1302

18

MODERN

18.7mm

18.7mm

JC567

20.2mm

20.2mm

JC798

47.5mm

42.8mm

JC871

Length 2440mm

NEOCLASSIC

68mm

68mm

JC156#

70mm

70mm

JC438#

75mm

75mm

JC872

Length 2440mm
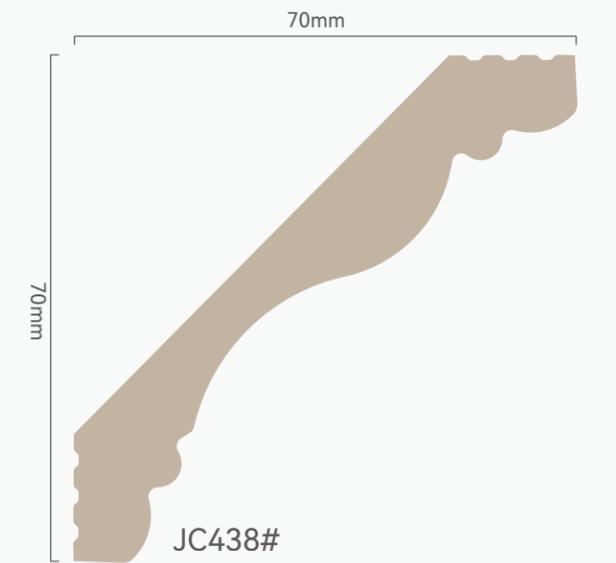
WHITE — W1

BEECH — 7321

L. WALNUT — 730

D. WALNUT — 372

Waterproof   Eco-Friendly   Easy to Install   Formaldehyde-Free   No Heavy Metal   Insect-Resistant

MODERN

JC194

43mm

33mm

Length 2440mm

CORNICE WHITE JC194-W1	IVORY JC194-091	BEIGE JC194-489
BEECH JC194-7321	L. WALNUT JC194-730	D. WALNUT JC871-372

JC80

51mm

51mm

Length 2440mm

CORNICE WHITE JC80-W1	IVORY JC80-091	BEIGE JC80-489
BEECH JC80-7321	L. WALNUT JC80-730	D. WALNUT JC80-372

25mm

75mm

Length 2440mm

WHITE JC1038-W1	CHERRY JC1038-39047
MAHOGANY JC1038-7085	WENGUE JC1038-319

MINIMALIST

50.8mm

100mm

Length 2440mm

WHITE JX89-W

45mm

103.7mm

Length 2440mm

WHITE JX167-W

47.3mm

103.7mm

Length 2440mm

WHITE JX87-W

MODERN

15mm

60mm

JC444#

16mm

90mm

JT89

15mm

100mm

JC308

15.5mm

120mm

JC70

Length 2440mm

WHITE −W1

BEECH −7321

TAVERN −1930EM

L. WALNUT −730

D. WALNUT −372

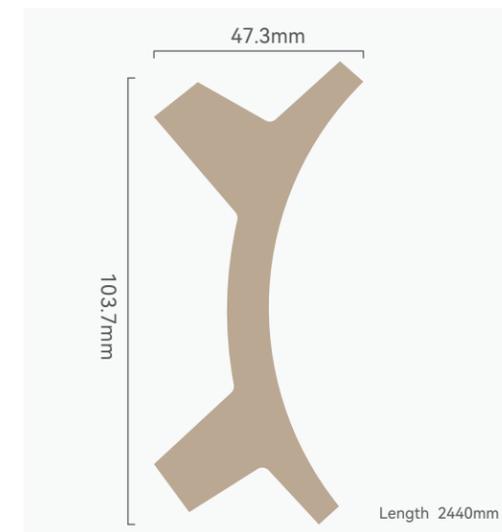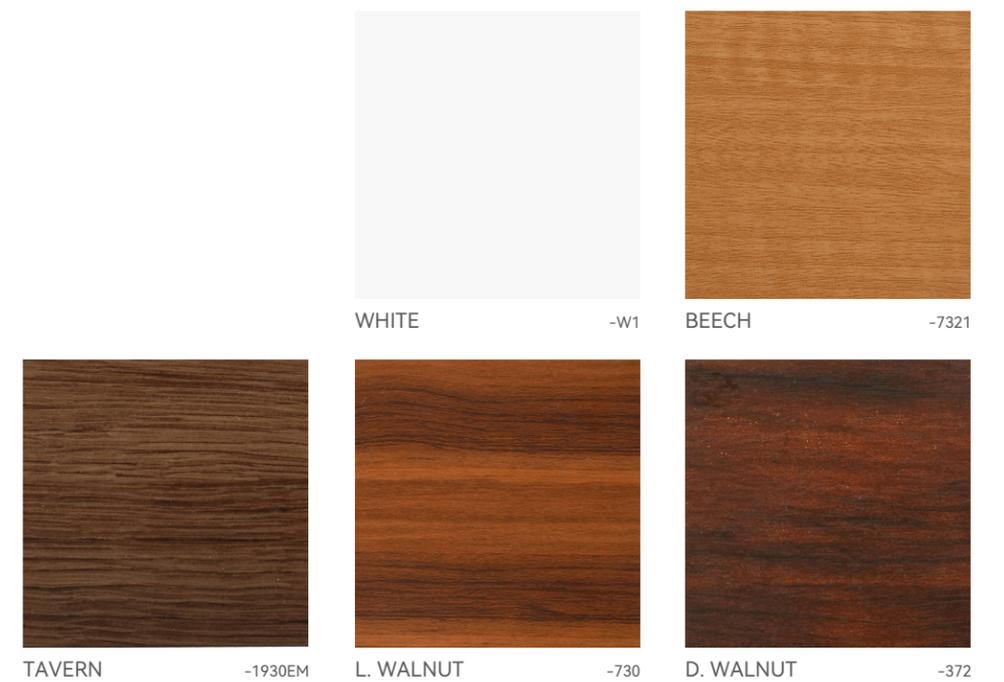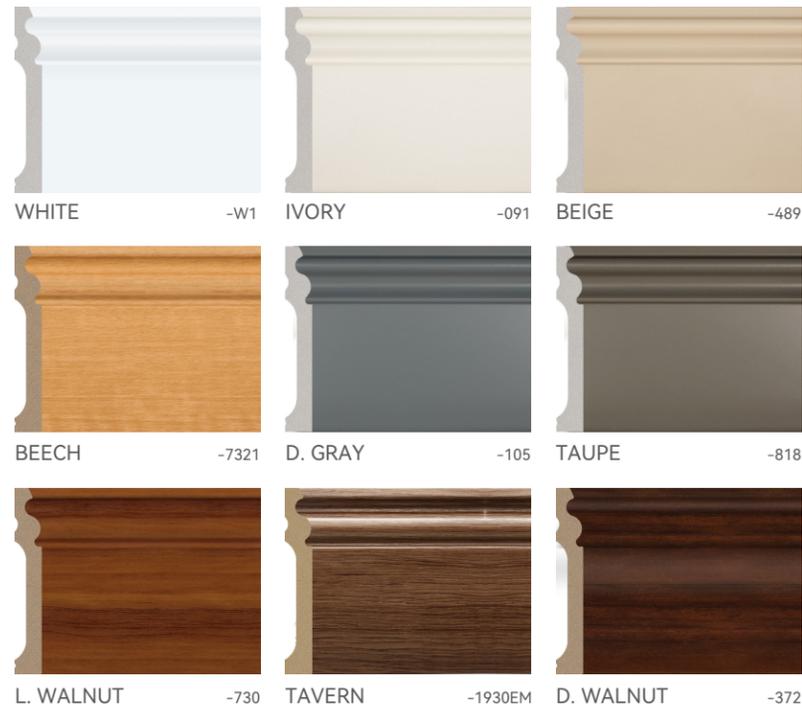Waterproof Eco-Friendly Easy to Install Formaldehyde-Free No Heavy Metal Insect Resistant

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CLASSIC

Length 2440mm

15mm

15mm

82mm

100mm

JC445   JC423

WHITE −W1	IVORY −091	BEIGE −489
BEECH −7321	D. GRAY −105	TAUPE −818
L. WALNUT −730	TAVERN −1930EM	D. WALNUT −372

MODERN

Length 2440mm

18mm

12mm

17mm

25mm

70mm

100mm

75mm

62mm

JC858   JX181   JX182   JX86

WHITE   JC858-W1

WHITE   JX181-W1

WHITE   JX182-W1

WHITE   JX86-W1

CLASSIC

12.2mm

15.5mm

25mm

JC873

55mm

JC546

14mm

35mm

JC874

21.5mm

20mm

47mm

60mm

JC120

JC-16   Length 2440mm

WHITE   JC873-W1

WHITE   JC120-W1

WHITE −W1	BEECH −7321
L. WALNUT −730	D. WALNUT −372

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