



New Jiang Wan Cultural Center, Shanghai CHINA by RTKL

CLADDING

DECKING

CEILING

SHADING



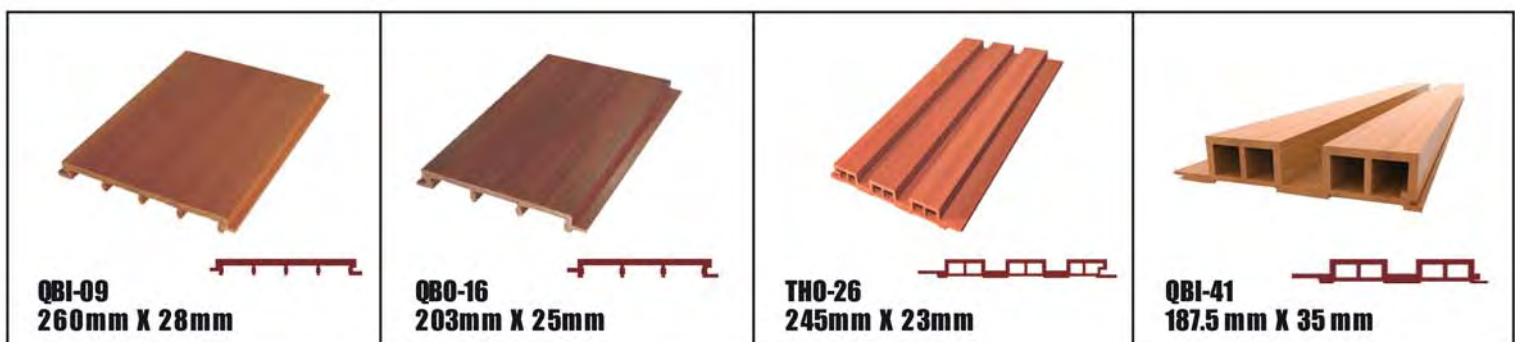
# CLADDING



## CLADDING EXTERNAL CLADDING

KINGWOOD exterior wall cladding is designed specifically for outdoor applications with low maintenance. While maintaining the natural wood texture, KINGWOOD exterior cladding also focuses on solving the special requirements of outdoor building environmental applications, such as building insulation, energy-saving, material-saving, anti-UV, anti-aging and anti-deformation. It has become the first environmentally friendly wooden product which can meet the requirements of external application.

## PROFILES



ACCESSORIES SUPPLIED BY KINGWOOD

 <p><b>SBT-24 ALU CORNER FINISH FOR QBI-24</b></p>	 <p><b>SBT-70 70 ALU CORNER FINISH</b></p>	 <p><b>SBT-38 #38 ALU CORNER FINISH</b></p>	 <p><b>SBT-135 135 ALU CORNER FINISH</b></p>	 <p><b>SBT-02 ALU CORNER FOR QBI-41</b></p>
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ACCESSORIES NOT SUPPLIED BY KINGWOOD

 <p><b>Multi-purpose Button Head Screw 8 Gauge x 25mm. Used to fix the Stainless Steel clips for walls into both timber and up to 3.0mm BMT Steel</b></p>	 <p><b>Buildex M6X58 Dec-King screw, used to face fix first and last boards into Timber Frame.</b></p>	 <p><b>Buildex 10X45 WingTeks used to face fix first and last boards. Into Steel Frame</b></p>	 <p><b>WKK-09 STAINLESS STEEL CLIP</b></p>	 <p><b>WKK-28 STAINLESS STEEL CLIP FOR QBI-41</b></p>
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INSTALLATION OVERVIEW



QBI-09 and QBO-16 Second Board Installation



THO -26 Second Board Installation












CLADDING

CLADDING  
INTERNAL CLADDING

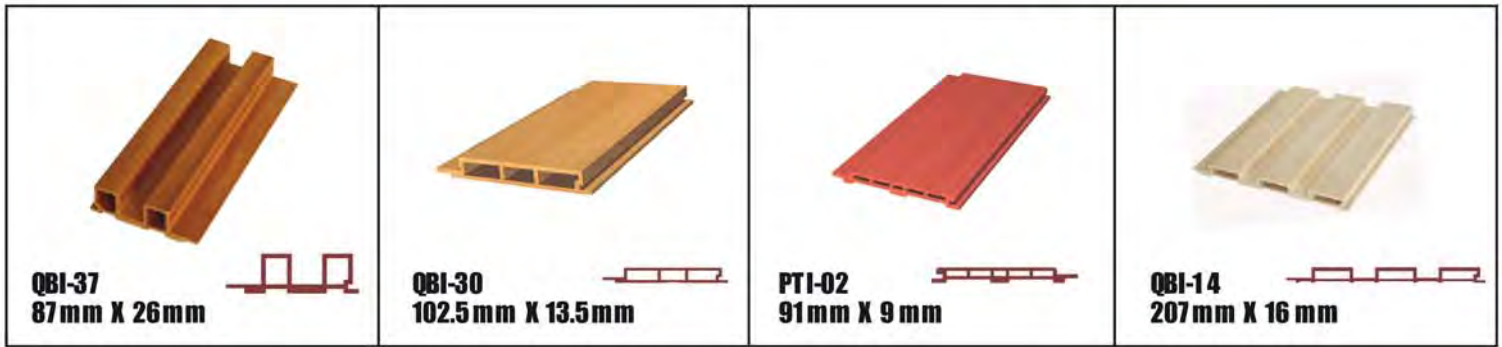
KINGWOOD Interior Cladding offers a tremendous range of architectural decorative features and functions. Their performance characteristics include: consistency, durability, low maintenance requirements. The acoustic panel is equipped with air pockets which offer an additional insulation layer, thus adding a great thermal and acoustic blanket to your building. With no two panels being alike, KINGWOOD Interior Wall Cladding creates a true timber feel and appearance.

PROFILES

  <p><b>QBI-01</b> 158mm X 9mm</p>	  <p><b>QBI-05</b> 159mm X 10mm</p>	  <p><b>QBI-21</b> 90mm X 25mm</p>	  <p><b>QBI-22</b> 202.5 mm x 30mm</p>
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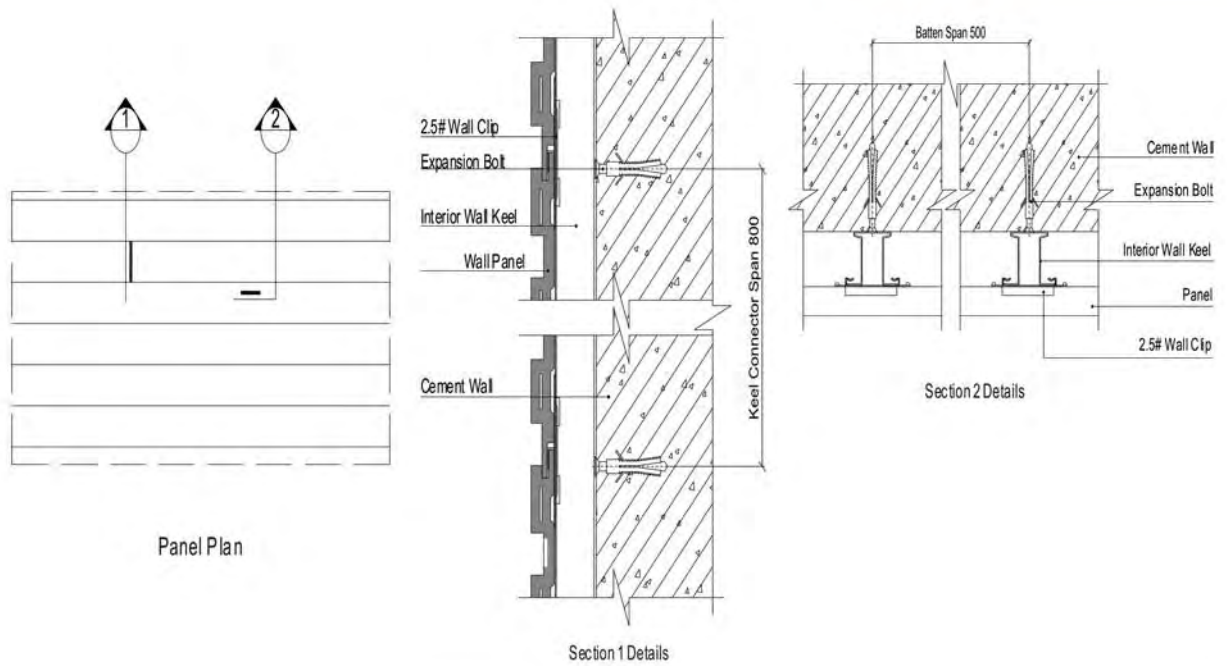
## PROFILES



## ACCESSORIES



## INSTALLATION GUIDE







# DECKING

## DECKING RESIDENTIAL & COMMERCIAL


The natural performance of KINGWOOD Decking can effectively reduce sun reflection, absorption of ultraviolet infrared radiation, give the application vigour, and make the space bright and open. KINGWOOD decking is able to regulate the temperature to cool in summer and warm in winter. KINGWOOD decking is prefinished with 2 anti-UV coating. The installation of KINGWOOD Decking is very simple which ultimately is a great product for the DIY Market.

## FEATURES

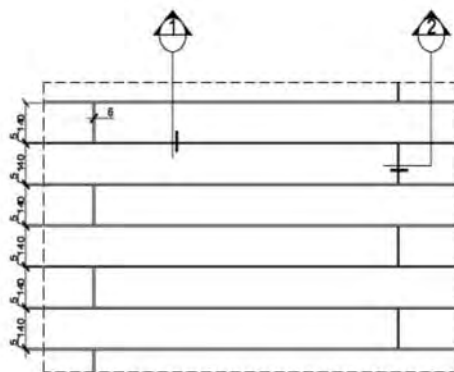
- Will not crack & split
- Energy & Material Saving
- Anti-UV, Anti-aging and Anti-deformation
- Natural wood grain & texture
- Fire resistant & Water resistant
- Low maintenance costs



## PROFILES & ACCESSORIES

 <p><b>DBO-13</b> 90mm X 25mm</p>	 <p><b>DBI-14</b> 140mm X 25mm</p>	 <p><b>DBI-07</b> 90mm X 32mm</p>	 <p><b>DBI-11</b> 140mm X 32mm</p>
 <p><b>DBK-16 &amp; DBK-20</b> DECKING CLIPS</p>	 <p><b>STARTER CLIP</b></p>	 <p><b>Buildex FiberZips®</b> M5-18 x 30mm CSK Rib</p>	 <p><b>Buildex Dec-King®</b> 12g x 58mm CSK</p> <p><b>Buildex, WingTek®</b> 10 x 45mm CSK</p>

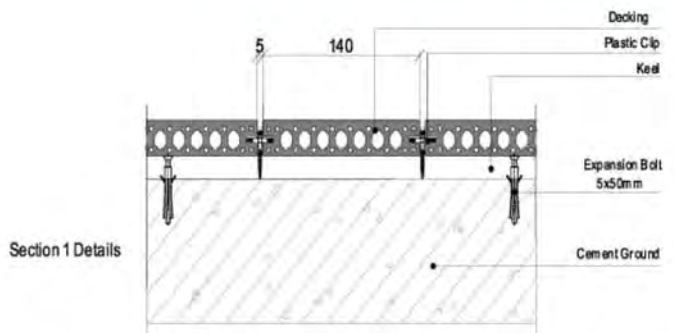
## INSTALLATION GUIDE



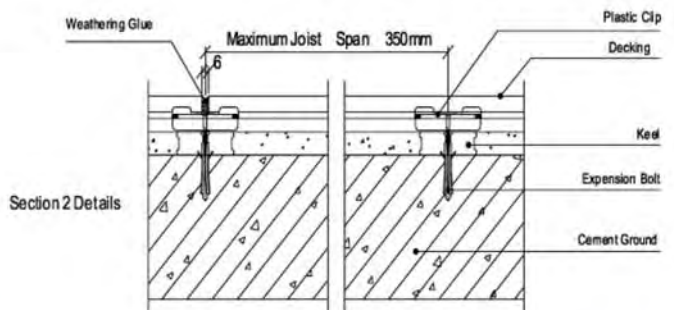
Elevation Plan

**Installation Guidelines:**

1. Install the keel and level them in a flat level. Position the boards in place with plastic clips. Gap the boards 5mm to allow for the minimal expansion as well as drainage purpose.
2. To fasten the deck, use stainless steel trim head screws to minimize the chance of metal corrosion or stain.
3. In the most installation, a span of 350mm on center will be recommended to use a minimum of 2 keels/joists to provide the best support.



Section 1 Details



Section 2 Details





# CURVED CEILING



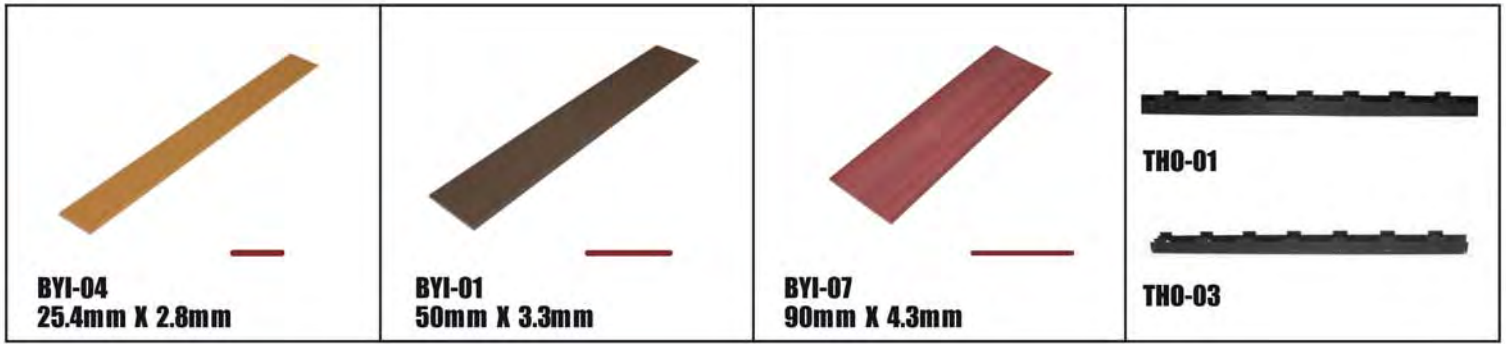
## CEILING CURVED CEILING

KINGWOOD Ceilings can be used in large commercial application and residential buildings. KINGWOOD Ceilings set themselves apart from other ceiling products in showing its uniqueness with odd-shaped designs. KINGWOOD ceilings are unique in their design and installation, ultimately leading to an attractive and easy to install system.

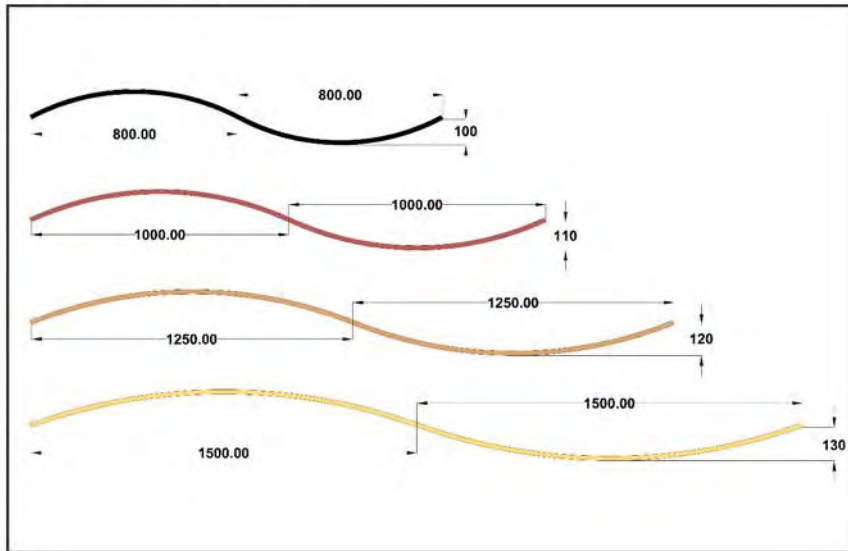
## PROFILES



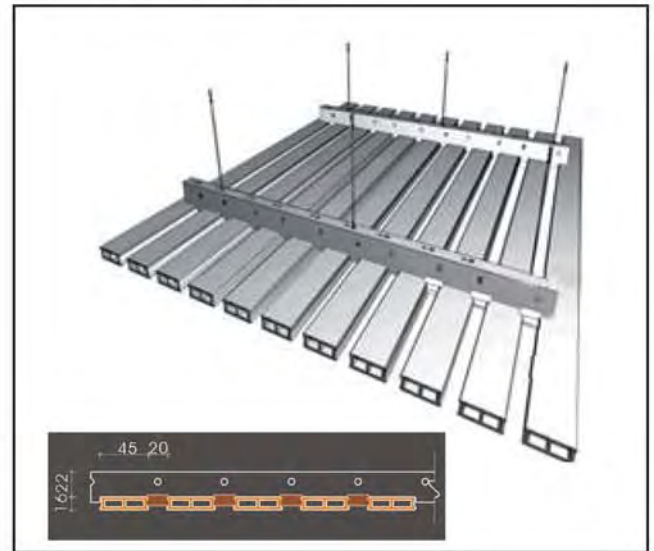




Radius Configuration



Installation Patterns














# LINEAR CEILING

## CEILING LINEAR CEILING

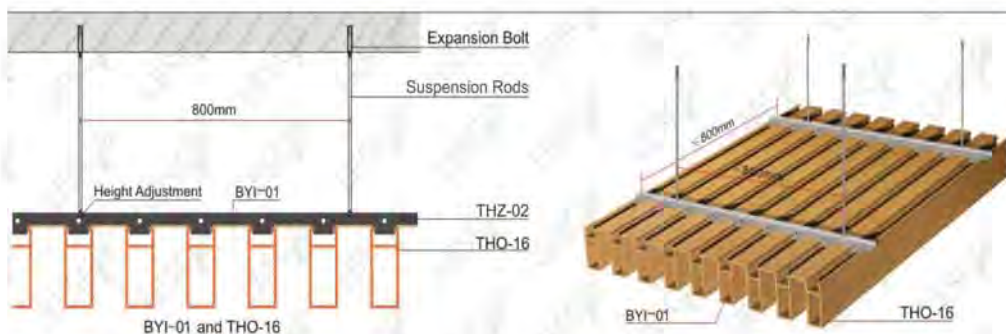
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SPACING SPACER KEELS PROFILES	20 mm SPACING		44 mm SPACING			80 mm SPACING	
	BYI-04 25.4 mm X 2.8 mm	BYI-04 25.4 mm X 2.8 mm	BYI-01 50 mm X 3.3 mm	BYI-01 50 mm X 3.3 mm	BYI-01 50 mm X 3.3 mm	BYI-07 90 mm X 4.3 mm	BYI-07 90 mm X 4.3 mm
	THZ - 03	THZ - 04B	THZ - 01	THZ - 02	THZ - 04A	THZ - 06	THZ - 05
 <b>THO-08</b> 100mm X 20mm	✓		✓			✓	
 <b>THO-09</b> 40mm X 45mm	✓			✓			✓
 <b>THO-14</b> 20mm X 40mm	✓			✓			✓
 <b>THO-16</b> 100mm X 40mm	✓			✓			✓
 <b>THO-21</b> 50 mm X 25 mm		✓			✓		
 <b>SUSPENSION RODS SET</b>	✓	✓	✓	✓	✓	✓	✓
 <b>XTO-10 CEILING STRIP</b> 33 mm X 21 mm	<b>AS REQUIRED</b>	<b>AS REQUIRED</b>	<b>AS REQUIRED</b>	<b>AS REQUIRED</b>	<b>AS REQUIRED</b>	<b>AS REQUIRED</b>	<b>AS REQUIRED</b>

## INSTALLATION GUIDE

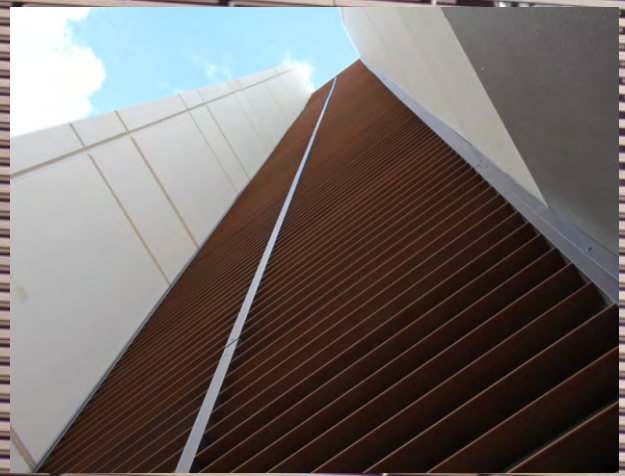


### Installation Guide:

1. Ensure set out of the ceiling height is done, install the BYI-01 cornice trim detail around the perimeter of the wall.
2. The first row of metal keels are installed with a 150mm away from the walls. The maximum distance between keels should be no more than 800mm centres.
3. Keel height can be adjusted by the screws used in the suspender rods. The maximum distance between suspender rods is 800mm centres.
4. Once Keels are installed and secured install BYI-01 (spacers first) then snap the THO-08 onto the Keel.



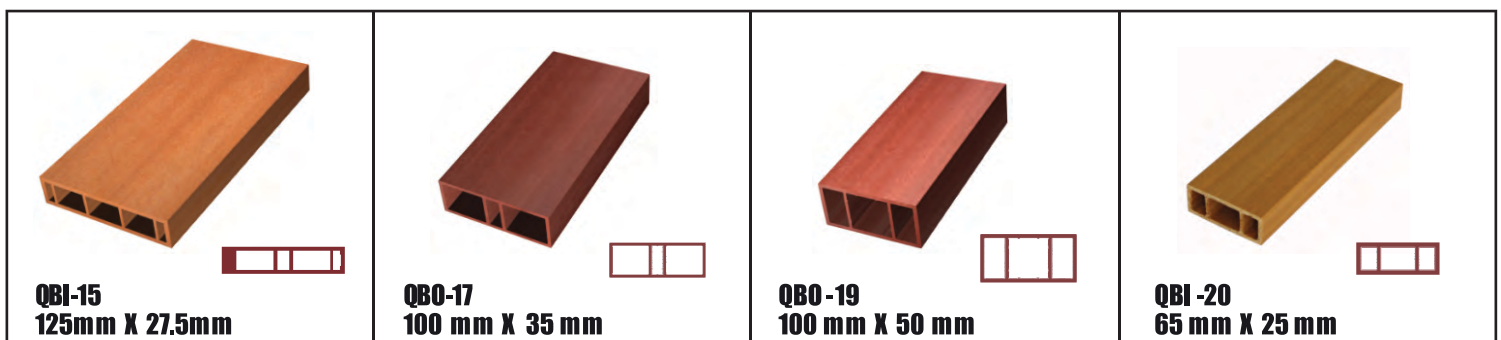
# SHADING & LOUVER



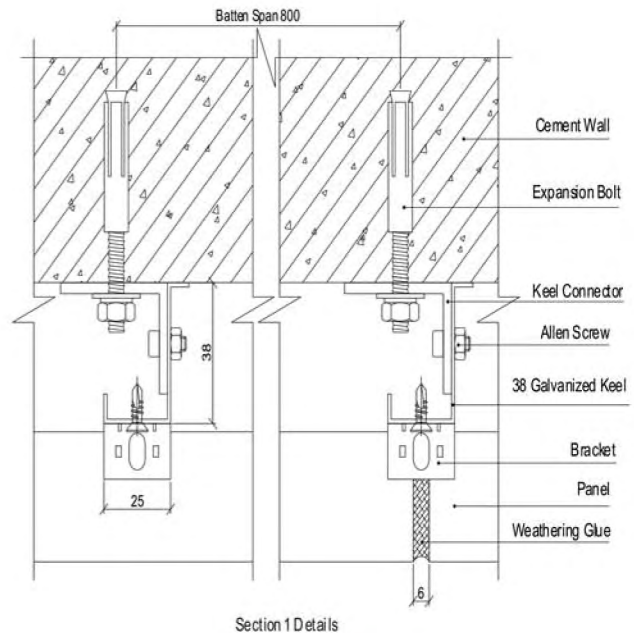
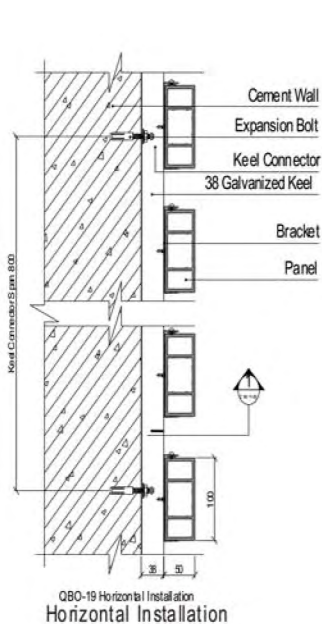
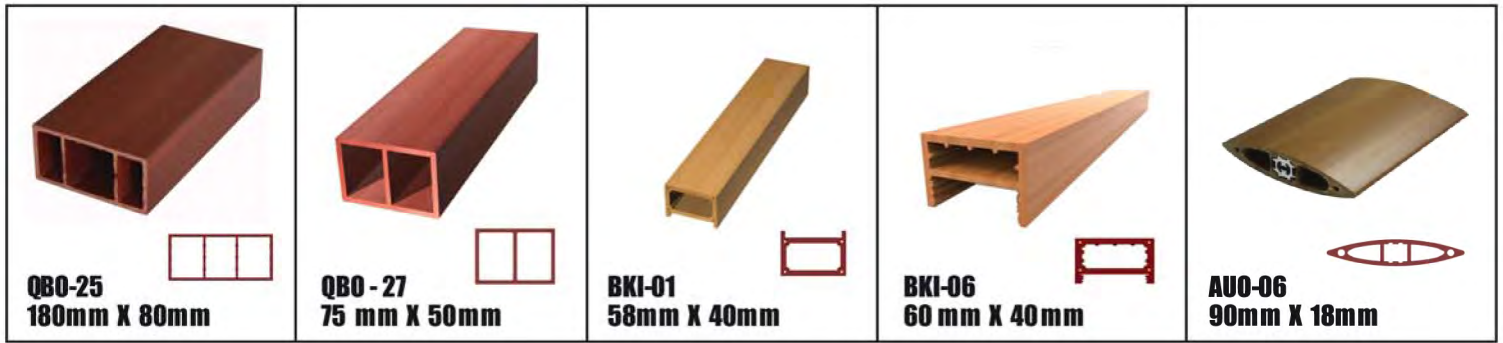
## SHADING & LOUVER

KINGWOOD Shading & Louver products can effectively reduce solar radiation and refraction, ultimately decreasing energy consumption and increase the indoor thermal comfort. KINGWOOD Louver products have excellent appearance through its design and many configuration options.

## PROFILES
















## FENCING

## FENCING

KINGWOOD Fencing are limitless by design, this is done by incorporating the many shading, cladding and decking options available from KINGWOOD. We have many design solutions to incorporate KINGWOOD products in a fencing application. Designs include vertical and horizontal layouts, various height configurations and colours.

## PROFILES

 <p><b>QBI-15</b> 125 mm X 27.5 mm</p> 	 <p><b>QBO-17</b> 100 mm X 35 mm</p> 	 <p><b>DBO-13</b> 90mm X 25mm</p> 	 <p><b>DBI-14</b> 140mm X 25mm</p> 
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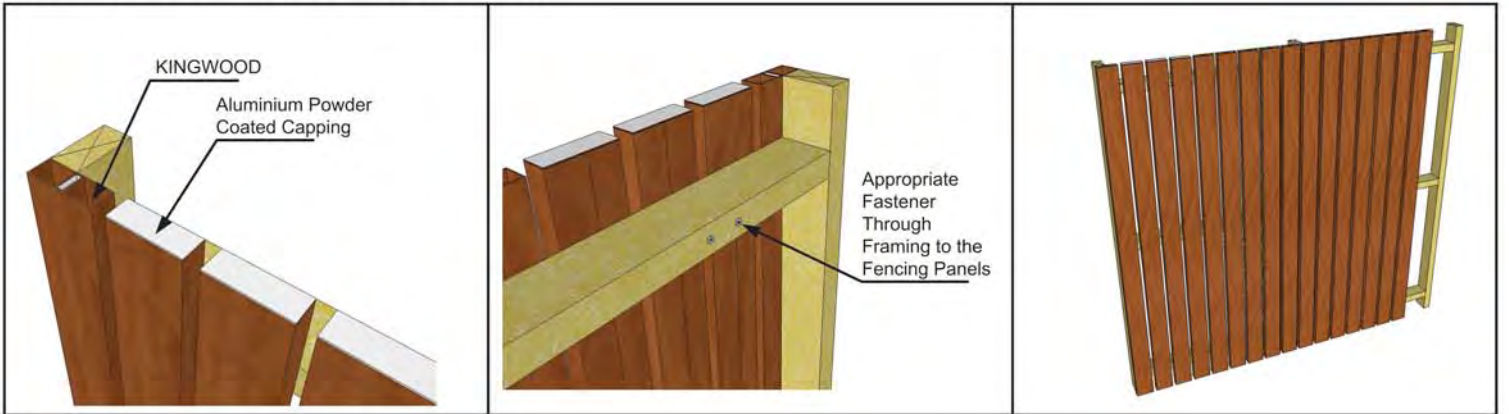


# PROFILES & ACCESSORIES

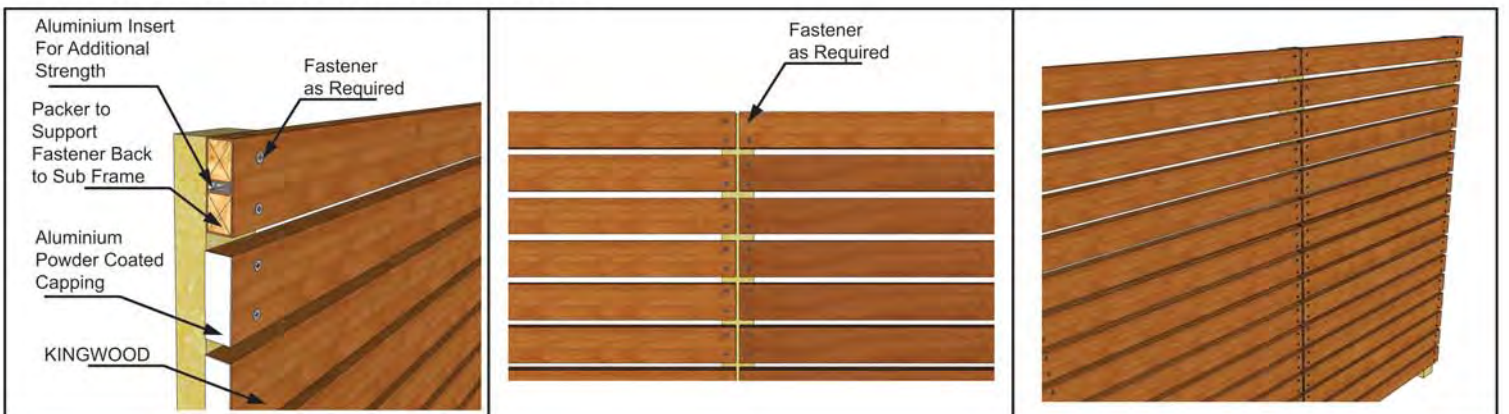
 <p><b>YPI-01</b> 47 mm X 25 mm</p> 	 <p><b>AU0-01</b> 90 mm X 18 mm</p> 	 <p><b>WFG-17</b> END CAP FOR QBO-17</p>	 <p><b>WFG-15</b> END CAP FOR QBI-15</p>	 <p><b>LJJ-01</b> END CAP FOR YPI-01</p>
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# INSTALLATION GUIDE

## VERTICAL FENCING INSTALLATION GUIDE



## HORIZONTAL FENCING INSTALLATION GUIDE





## OUTDOOR FURNITURE







## OUTDOOR FURNITURE

Kingwood Composite timber with its ability to resist the outdoor elements and design flexibility ability is a perfect match for our outdoor furniture. Kingwood outdoor furniture combines the clean natural composite timber with a structurally sound support frame, designed to withstand the heavy duty requirements of outdoor living.

Kingwood Outdoor furniture is not confined to a single style nor colour allowing a limitless product range.

## PROFILES

 <b>LGI-02</b> 40mm X 30mm	 <b>XTI-14</b> 60mm X 15mm	 <b>XT-01</b> 30mm X 40mm	 <b>XT-02</b> 60mm X 40mm
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## PROFILES







## MAIN FEATURES

-  Building Insulation
-  Energy & Material Saving
-  Anti-UV, Anti-aging and Anti-deformation
-  Natural wood grain & texture
-  Fire resistant & Water resistant
-  Low maintenance costs

## EXTERNAL COLOURS

### AUSTRALIAN TIMBER SPECIES






CHERRY    SPOTTED GUM    BLACK BUTT    BLUE GUM    BRUSH BOX

### EXTERNAL COLOURS



WHITE OAK    COCOBOLO    VERAWOOD    HICKORY    ROSEWOOD    WEATHERWOOD  
CL 31    CL 32    CL 33    CL 35    CL 36    CL 34

## SUSTAINABILITY

-  Made from up to 70% recycled hardwood waste
-  100% Recyclable
-  No glues or epoxy is used
-  No wastage as each profile is extruded straight and true without knots or imperfections.
-  High Impact Strength

## INTERNAL COLOUR



CEDAR    MAPLE    TEAK    CHERRY  
CL 20    CL 23    CL 08    CL 25



SAPELI    PADAUK    WALNUT    BLACK WALNUT  
CL 05    CL 12    CL 07    CL 09



## SPECIFICATION

Physical Properties	Testing Report	Standards	Attribute
<b>Moisture Content</b>	7-584639-NN	AS/NZS 4266.3:2004	0.6%
<b>Surface Water Absorption</b>	7-584639-NN	AS/NZS 4266.12:2003	0.006%/m <sup>2</sup>
<b>Specific Density</b>	7-584639-NN	AS/NZS 4266.4:2004	822kg/m <sup>3</sup>
<b>Tensile Strength</b>	7-584639-NN	AS/NZS 4266.6:2001	1206N
<b>Modulus of Elasticity</b>	7-584639-NN	AS/NZS 4266.5:2001	2120N
<b>Formaldehyde Release</b>	CV120301		<0.019mg/m <sup>3</sup> /hr
<b>VOC</b>	CV120301		<0.01mg/m <sup>2</sup> /hr
<b>Fire Hazard Property</b>	7-583292-CN	AS/NZS 3837	Group 3
<b>Early Fire Hazard Indices</b>	7-583292-CN		445.8m <sup>2</sup> /kg Average Specific Extinction Area (According to specification C1.10 of the building code of Australia)
<b>Thermal Properties</b>	U Value		<b>4.29 W/m<sup>2</sup> K</b>
<b>Thermal Resistance Value</b>	R Value		<b>0.233 m<sup>2</sup> K/ W</b>

## PRODUCTS CHARACTERISTICS







QUEST Service Apartment, Sydney Olympic Park by BUILT.



**SYDNEY OFFICE:**

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ABN 30 137 993 590

350 Hume Highway Bankstown NSW 2200

Phone: 02 9793 1861 Fax: 02 9793 1861

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