



KNOTWOOD

SYSTEMS CATALOGUE 2018

Q2 2018 Edition

FENCING | GATES | SCREENS | CLADDING | SOFFITS | CEILINGS | FACADES | PERGOLAS & AWNINGS |
DECKING | BALUSTRADES

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WOODGRAIN COLOURS/

				
WHITE ASH	IROKO	TASSIE OAK	LIGHT OAK	MAPLE
				
KNOTTY PINE	CHESTNUT	SPOTTED GUM	HICKORY	BLACKBUTT
				
ATLANTIC CEDAR	ASPEN	ASH	BEACHWOOD	DRIFTWOOD
				
ZEBIRANO	BLACK ASH	BLACK WALNUT	WENGE	TEAK BROWN

Please note: These colours are a guide only. To ensure best accuracy, test your colour choice by requesting a free sample.

				
KWILA	EASTERN MAHOGANY	BUSH CHERRY	WESTERN RED CEDAR	IRON BARK
				
MERBAU	TIGERWOOD	KOA	REDGUM	AUSTRALIAN CEDAR
				
JARRAH	SYDNEY BLUE GUM	ROSE MAHOGANY		

Please note: These colours are a guide only. To ensure best accuracy, test your colour choice by requesting a free sample.

SOLID COLOURS/

				
TEXTURA WHITE	TEXTURA SURFMIST	TEXTURA DUNE	TEXTURE SILVER	TEXTURA JASPER
				
TEXTURA MONUMENT	TEXTURA PRIMROSE	TEXTURA PAPERBARK	TEXTURA WOODLAND GREY	TEXTURA IRONSTONE
				
TEXTURA DEEP OCEAN	TEXTURA BLACK			

All Interpon colours are available on request (subject to minimum order quantities)

Please note: These colours are a guide only. To ensure best accuracy, test your colour choice by requesting a free sample.

GENERAL GUIDELINES

HANDLING

Every effort is made at Knotwood to pack aluminium extrusions in a way which avoids surface deterioration during transport. It is advisable to inspect all loads as soon as possible after arrival to ensure that damage has not in fact

been caused by excessively severe conditions during transport. Should a shipment of Knotwood aluminium arrive in a wet condition, it should be immediately thoroughly dried before storing. Drying may be by evaporation in air or by means of dry air currents. Very wet metal should first be wiped down.

SAFETY

Use appropriate PPE (personal protective equipment). The cutting of metal increases the risk of eye injury and hearing loss. **USE EYE AND HEARING PROTECTION.**

CUTTING

Cut Knotwood using standard wood cutting tools such as a mitre saw & table saw with a carbide blade for non-ferrous metals. 60-80 tooth blades are recommended. Cut face up whenever possible: Knotwood is a prefinished material. A reasonable amount of care is critical to obtain the desired results and to prevent marring and scratching.

REPEAT PATTERNS

Knotwood woodgrains have a repeat pattern every 60cm-120cm', depending on the species. To reduce grain mirroring it is recommended to mix the extrusions, side shown and rotation when possible.

EXPANSION/CONTRACTION

Knotwood is aluminium and will expand and contract 5mm every 6.0m in length when exposed to a temperature change of 30° C. •

FIRE RATING & COMBUSTIBILITY

All Knotwood products are non-combustible, have been certified AS1530.1, AS1530.3 and BCA Class 1.

ALUMINIUM & COATINGS





Aluminium: Knotwood supplied extrusions are produced to the chemical composition, mechanical property and dimensional tolerances in AS/NZS 1866:1997.

Powder Coating: Knotwood powder coated extrusions comply with AS3715 Thermoset Powder Coatings for Architectural Coatings and AS4506 Metal finishing Thermosetting Powder Coatings.

If you have additional questions, please contact Knotwood +61 7 3382 6000.
Subject to changes due to technical improvements.

GEOMETRICS/ APPLICATIONS: FENCES, GATES, SCREENING, BALUSTRADES.



DESCRIPTION	MATCHING COMPONENTS
<p>U-Channel 20mm x 20mm</p> <p>Code: KEGC2020-LENGTH Lengths: 6000</p>	
<p>U-Channel 53mm x 25mm</p> <p>Code: KEGC5325-LENGTH Lengths: 6000</p>	
<p>Angle 20mm x 20mm</p> <p>Code: KEGA2020-LENGTH Lengths: 6000</p>	
<p>Angle 25mm x 20mm</p> <p>Code: KEGA2520-LENGTH Lengths: 6000</p>	
<p>Angle 25mm x 25mm</p> <p>Code: KEGA2525-LENGTH Lengths: 6000</p>	
<p>Angle 40mm x 40mm</p> <p>Code: KEGA4040-LENGTH Lengths: 6000</p>	

SHS 50mm x 50mm

Code: KEGS5050-LENGTH
Lengths: 6000



Caps: KAEC5050-Material
Material: P (Plastic), F (Flat Aluminium), R (Routed Aluminium)

SHS 65mm x 65mm

Code: KEGS6565-LENGTH
Lengths: 6000



Caps: KAEC6565-Material
Material: P (Plastic), R (Routed Aluminium)

SHS 100mm x 100mm

Code: KEGS100100-LENGTH
Lengths: 6000



Caps: KAEC100100-Material
Material: P (Plastic), R (Routed Aluminium)

RHS 100mm x 50mm

Code: KEGR10050-LENGTH
Lengths: 6000
Wall Thickness: 1.6mm, 3.0mm



Caps: KAEC10050-Material
Material: P (Plastic), R (Routed Aluminium)

RHS 150mm x 50mm

Code: KEGR15050-LENGTH
Lengths: 6000
Wall Thickness: 3.0



Caps: KAEC15050-Material
Material: P (Plastic), R (Routed Aluminium)

RHS 200mm x 50mm

Code: KEGR20050-LENGTH
Lengths: 6000



Caps: KAEC20050-Material
Material: R (Routed Aluminium)

SLATS/ APPLICATIONS: FENCES, GATES, SCREENING, BALUSTRADES



Horizontal



Chevron



Santiago




Skyline



Tree Of Life



Vertical

ITEM CODE	MATCHING COMPONENTS
<p>Slat 38mm x 16mm</p> <p>Code: KES3816-LENGTH Lengths: 5650, 6000</p>	 <p>Caps: KAEC3816-Material Material: P (Plastic), R (Routed Aluminium)</p>
<p>Slat 65mm x 16mm</p> <p>Code: KES6516-LENGTH Lengths: 5650, 6000, 6500</p>	 <p>Caps: KAEC6516-Material Material: P (Plastic), R (Routed Aluminium)</p>
<p>Slat 100mm x 16mm</p> <p>Code: KES10016-LENGTH Lengths: 5650, 6000</p>	 <p>Caps: KAEC10016-Material Material: P (Plastic), R (Routed Aluminium)</p>
<p>Slat 150mm x 16mm</p> <p>Code: KES15016-LENGTH Lengths: 5650, 6000</p>	 <p>Caps: KAEC15016-Material Material: P (Plastic), R (Routed Aluminium)</p>
<p>Channel 30mm x 30mm</p> <p>Code: KESC3030-LENGTH Lengths: 5650, 6000</p>	 <p>Infill: KESINFS Caps: KAEC3030L/R -Material Material: P (Plastic)</p>

Post 2 Way 50mm x 30mm

Code: KESP2W6030-LENGTH
Lengths: 5650



Infill: KESINFL
Caps: KAEC5030-Material
Material: R (Routed Aluminium)

Post 2 Way Corner 60mm x 60mm

Code: KESP6060-LENGTH
Lengths: 5650



Infill: KESINFS x 2
Caps: KAEC6060-Material
Material: R (Routed Aluminium)

Channel 50mm x 25mm

Code: KESC5025-LENGTH
Lengths: 5650, 6000



Infill: KESINFS
Caps: KAEC5025-Material
Material: P (Plastic), F (Flat Aluminium), R (Routed Aluminium)

Post 2 Way 50mm x 50mm

Code: KESP2W5050-LENGTH
Lengths: 5650, 6000



Infill: KESINFL
Baseplate: KAOPBP50
Caps: KAEC5050-Material
Material: P (Plastic), F (Flat Aluminium), R (Routed Aluminium)

Post 2 Way Corner 50mm x 50mm

Code: KESP2C5050-LENGTH
Lengths: 5650, 6000



Infill: KESINFS x 2
Baseplate: KAOPBP50
Caps: KAEC5050-Material
Material: P (Plastic), F (Flat Aluminium), R (Routed Aluminium)

Channel 65mm x 25mm

Code: KWSC6525-LENGTH
Lengths: 5650



Infill: KESINFS
Caps: KAEC6525-Material
Material: R (Routed Aluminium)

Post 2 Way 65mm x 65mm

Code: KESP2W6565-LENGTH
Lengths: 5650



Infill: KESINFS x 2
Baseplate: KAOPBP65-10
Caps: KAEC6565-Material
Material: R (Routed Aluminium)

Post 2 Way Corner 65mm x 65mm External Fix

Code: KESP2C6565EF-LENGTH
Lengths: 5650



Infill: KESINFS X 2
Baseplate: KAOPBP65-10
Caps: KAEC6565-Material
Material: R (Routed Aluminium)

Post 2 Way Corner 65mm x 65mm Internal Fix

Code: KESP2C6565IF-LENGTH
Lengths: 5650



Infill: KEINFC
Baseplate: KAOPBP65-10
Caps: KAEC6565-Material
Material: R (Routed Aluminium)

Gate Frame 66mm x 40mm

Code: KESG6640-LENGTH
Lengths: 5650, 6000



Infill: KWINFS
Caps: KAEC6640- Material
Corner Stake: KAEC6640-Material
Material: P (Plastic), R (Routed Aluminium)

Gate Frame 100mm x 50mm

Code: KESG10050-LENGTH
Lengths: 5650, 6000



Infill: KWINFS
Caps: KAEC10050- Material
Corner Stake: KAEC10050-Material
Material: R (Routed Aluminium)

Gate Sliding Track

Code: KESGTRACK-LENGTH
Lengths: 5650, 6000



Infill Small

Code: KESINFS
Lengths: 5650



Infill Large

Code: KESINFL
Lengths: 5650



Infill:
Baseplate:
Caps:

Infill Corner

Code: KESINFC
Lengths: 5650



Infill:
Baseplate:
Caps:

Balustrade Base Male

Code: KESBBM
Lengths: 5650



Slats: 65x16, 100x16, 150x16
Connects With: KESBTFO,
KESBTFR
Caps:

Balustrade Top Female Oval

Code: KESBTFO
Lengths: 5650



Connects With: KESBBM
Caps: KAEC75OH-Material
Material: R (Routed Aluminium)

Balustrade Top Female Rectangle

Code: KESBTFR
Lengths: 5650



Connects With: KESBBM
Caps: KAEC75RH-Material
Material: R (Routed Aluminium)

Louvre Blade 88mm

Code: KES88

Lengths: 5650, 6000



Infill:

Baseplate:

Caps: KAECLA-P

SLAT SYSTEM ACCESSORIES/

ITEM CODE	MATCHING COMPONENTS
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End Cap 38mm x 16mm

Code: KAEC3816-MATERIAL
Material: R (Routed), P (Plastic)



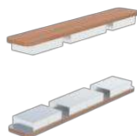
End Cap 65mm x 16mm Routed

Code: KWS3816
Material: R (Routed), P (Plastic)



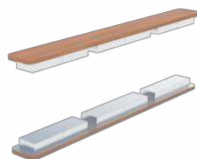
End Cap 100mm x 16mm Routed

Code: KWS3816
Material: R (Routed), P (Plastic)



End Cap 150mm x 16mm Routed

Code: KWS3816
Material: R (Routed), P (Plastic)



Fixed Louvre Cap

Code: KAECL1-P, KAECL2-P



Connects With: KES6516

Gate Corner Stake Small

Code: KAGCSGFS
Lengths: 39mm



Connects With: KESG6640

Gate Corner Stake Large

Code: KAGCSGFL
Lengths: 46mm



: Connects With: KESG10050

Furniture Corner Stake

Code:
Lengths:



Connects With: KESG6640

JB Weld Epoxy

Code: KAGKA
Lengths:



Spacers

Code: KASP-Length
Lengths: 8mm, 16mm, 24mm



Safetech TopKlik Self Closing Gate Hinge

Code: KASHG-90
Lengths: 90mm



Safetech Gate Hinge – No Legs

Code: KASHC-135
Lengths: 135mm



Safetech Gate Hinge With Legs / Adjustment

Code: KASHH-135LS
Lengths: 135mm



Safetech Viper Gate Latch

Code: KAGSLV-VIPER



Safetech Gate Handle

Code: KAGSHDL-150
Lengths:



50MM Base Plate

Code: KAOPBP50



65mm Base Plate

Code: KAOPBP65-10
Lengths: 120mm x 100mm
Thickness: 10mm



Connects with: KESP2W6565,
KESP2C6565EF, KESP2C6565IF

Touch Up Paint

Code: KATUP50-Colour
Volume: 50ml



Sliding Gate Pack

Code: KAGSGP



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Adjustable Louvre Cap







Code: KAECLA-P



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BATTENS/ APPLICATIONS: FACADES, FENCES, SCREENING, BALUSTRADES, AWNINGS, PERGOLAS



ITEM CODE	MATCHING COMPONENTS
<p>Batten Male 50mm x 50mm</p> <p>Code: KEBM5050-LENGTH Lengths: 5650, 6000</p>	 <p>Infill: Baseplate: Caps: KAEC5050-Material Material: P (Plastic), F (Flat Aluminium), R (Routed Aluminium)</p>
<p>Batten Female 50mm x 50mm</p> <p>Code: KEBF5050-LENGTH Lengths: 5650, 6000</p>	 <p>Corner Stake: KACSB Caps: KAEC5050-Material Material: P (Plastic), F (Flat Aluminium), R (Routed Aluminium)</p>
<p>Batten Female 100mm x 50mm</p> <p>Code: KEBF15050-LENGTH Lengths: 5650, 6000</p>	 <p>Corner Stake: KACSB Caps: KAEC10050 Material: P (Plastic), R (Routed Aluminium)</p>
<p>Batten Female 150mm x 50mm</p> <p>Code: KEBF20050-LENGTH Lengths: 5650, 6000</p>	 <p>Corner Stake: KACSB Caps: KAEC15050 Material: R (Routed Aluminium)</p>
<p>Batten Female 200mm x 50mm</p> <p>Code: KEBF25050-LENGTH Lengths: 5650, 6000</p>	 <p>Corner Stake: KACSB Caps: KAEC20050 Material: F (Flat Aluminium), R (Routed Aluminium)</p>
<p>Batten Female 150mm x 50mm Elliptical</p> <p>Code: KEBF15050E-LENGTH Lengths: 5650, 6000</p>	 <p>Caps: On Request</p>

**Batten Female 200mm x 50mm
Elliptical**

Code: KEBF20050E-LENGTH
Lengths: 5650, 6000,



Caps: On Request

Batten Joiner 150mm x 50mm

Code: KEBJ15050-LENGTH
Lengths: 5650, 6000,



Corner Stake: KACSB
Caps: On Request
Material: P (Plastic), R (Routed
Aluminium)

**Batten Joiner 45° 50mm x
50mm**

Code: KEBJ45-LENGTH
Lengths: 5650, 6000



Caps: On Request

Batten Joiner 50mm x 50mm

Code: KEBJ5050-LENGTH
Lengths: 5650, 6000



Caps: On Request
Material: P (Plastic), F (Flat
Aluminium), R (Routed Aluminium)

Batten Male 50mm x 25mm

Code: KEB5025M-Length
Lengths: 5650, 6000



Caps: KAEC5025-Material
Material: P (Plastic), F (Flat
Aluminium), R (Routed Aluminium)

Batten Female 50mm x 25mm

Code: KEB5025F-Length
Lengths: 5650, 6000



Caps: KAEC5025-Material
Material: P (Plastic), F (Flat
Aluminium), R (Routed Aluminium)

Batten Female 75mm x 25mm

Code: KEB7525F-Length
Lengths: 5650, 6000



Caps: KAEC7525-Material
Material: R (Routed Aluminium)

Batten Female 100mm x 25mm

Code: KEB10025F-Length
Lengths: 5650, 6000



Caps: KAEC10025-Material
Material: R (Routed Aluminium)


Batten Female 150mm x 25mm

Code: KEB15025F-Length
Lengths: 5650, 6000



Caps: KAEC15025-Material
Material: R (Routed Aluminium)

BATTEN SYSTEM ACCESSORIES/

ITEM CODE	MATCHING COMPONENTS	
<div>Corner Stake Batten 50mm</div> <div>Code: KACSB</div> <div>Lengths: 43mm</div>		<div>Connects With: KEBF10050,</div> <div>KEBF15050, KEBF20050</div>



ITEM CODE**MATCHING COMPONENTS**

Starter

Code: KEDSTR
Lengths: 5650, 6000

**Cladding Board 150mm**

Code: KED150-Length
Lengths: 5650, 6000

**Cladding Board 150mm Vented**

Code: KECV150
Lengths: 5650

**Window / Door Flashing**

Code: KECWF
Lengths: 5650

**Corner Female 45mm x 45mm**

Code: KECIECF
Lengths: 5650

**Corner Male 25mm x 25mm**

Code: KECIECM
Lengths: 5650



Finishing Female 70mm

Code: KECFBF
Lengths: 5650



Finishing Male 30mm

Code: KECFTTSM
Lengths: 5650



Finishing Male 65mm

Code: KECFTTLM
Lengths: 5650



Joiner Female 100mm

Code: KECJBF
Lengths: 5650




Joiner Male 50mm

Code: KECTJM
Lengths: 5650



CLADDING SYSTEM ACCESSORIES/

ITEM CODE		MATCHING COMPONENTS
<p>Cladding Clip</p> <p>Code: KAOCC45 Lengths: 45mm</p>		<p>Connects With: KEDSTR, KED150</p>

DECKING/ APPLICATIONS: DECKS, PERGOLAS, GAZEBOS



GENERAL GUIDELINE

Knotwood recommends joist spacing of 450mm centres and the use of joist protector to ensure the longevity of your decking sub-frame.

SLIP RESISTANT COATING OPTION

To ensure maximum safety and reduce the risk of slips, trips and falls, Knotwood has created an exclusive slip resistant formula that can be applied to their decking system.*

Under the Australian standard 4586-2013, our slip resistant finish is rated P4/D1.

*available on our yellow and dark beige base wood grain colours.

ITEM CODE

MATCHING COMPONENTS

Starter

Code: KEDSTR
Lengths: 5650, 6000, 6500



Decking Board 150mm

Code: KED150
Lengths: 5650, 6000, 6500



Finishing Angle

Code: KEDFA
Lengths: 5650, 6000



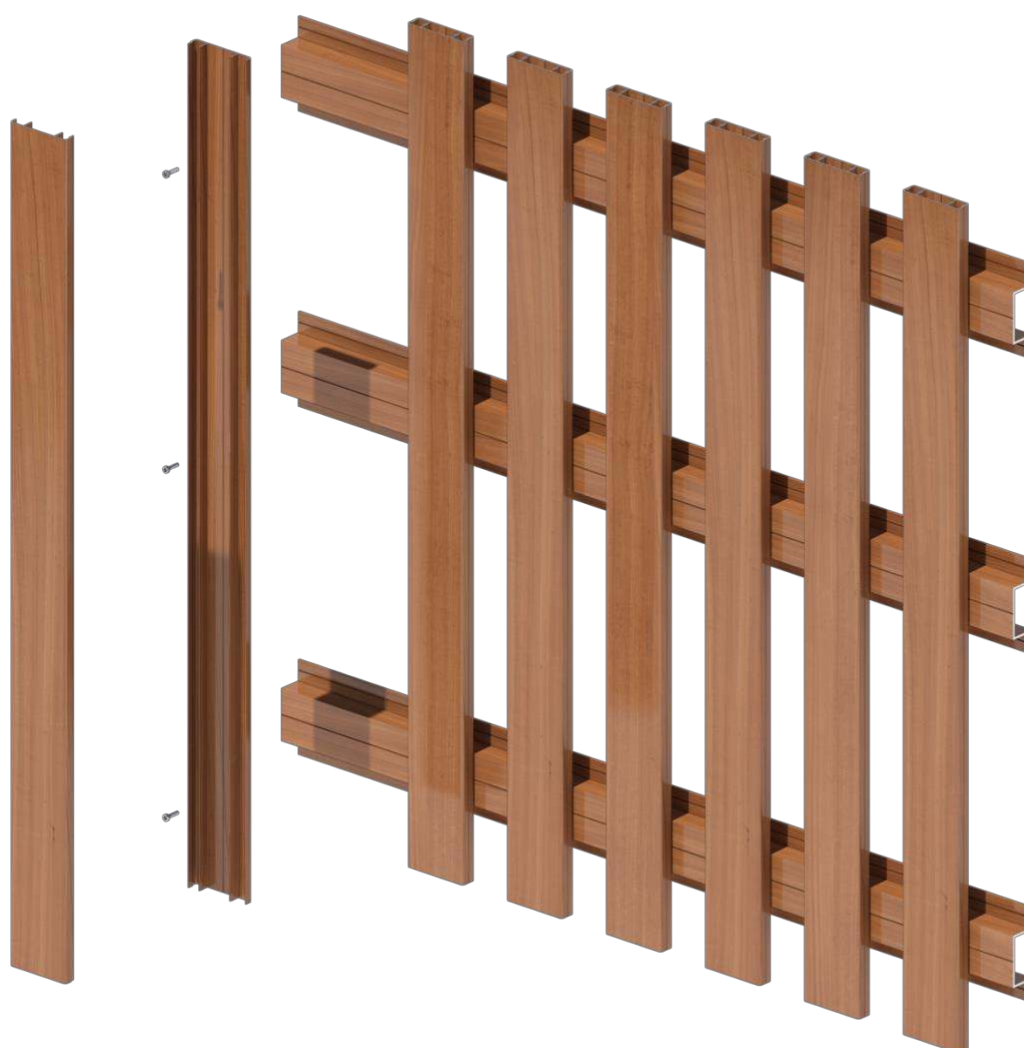
Finishing Angle Hidden Fixing







Code: KEDFAHF
Lengths: 5650, 6000



Infill: KWINFS

SELF-MATING/ APPLICATIONS: FACADES, SOFFITS, DECKING, POSTS



DESCRIPTION		MATCHING COMPONENTS
<p>Self-Mating 38mm x 16mm</p> <p>Code: KESM3816 Lengths: 5650, 6000</p>		<p>Infill: Baseplate: Caps: KAEC3816P, KAEC3816R</p>
<p>Self-Mating 65mm x 16mm</p> <p>Code: KESM6516 Lengths: 5650, 6000</p>		<p>Infill: Baseplate: Caps: KAEC6516P, KAEC6516R</p>
<p>Self-Mating 100mm x 16mm</p> <p>Code: KESM10016 Lengths: 5650, 6000</p>		<p>Infill: Baseplate: Caps: KAEC10016P, KAEC10016R</p>
<p>Self-Mating 150mm x 16mm</p> <p>Code: KESM15016 Lengths: 5650, 6000</p>		<p>Infill: Baseplate: Caps: KAEC15016P, KAEC15016R</p>
<p>Self-Mating 150mm x 150mm</p> <p>Code: KESM150150 Lengths: 5650</p>		<p>Infill: Baseplate: Caps: KAEC15016P, KAEC15016R</p>
<p>Self-Mating 200mm x 200mm</p> <p>Code: KESM200200 Lengths: 5650</p>		<p>Infill: Baseplate: Caps: KAEC15016P, KAEC15016R</p>

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