

HANYO



STEP UP TO NEXT LEVEL



<https://biowood.my>

BIOWOOD

E-CATALOGUE



WHY CHOOSE US?

HANYO BIOWOOD

Going Green has never looked better, use the farm trees

Maintain the natural timber look

Hanyo Biowood Wood-Plastic Composite architectural products are a sustainable timber alternative with added benefits such as durability and strength. Best of all, our products are low maintenance and environmentally friendly meaning that you spend less time worrying about them and more time enjoying the benefits of our projects.

Lightweight and durable

It was either a lightweight product or a heavy, durable product that you had to choose from. Now you can have the best of both worlds. Hanyo Biowood Wood-Plastic Composite architectural products offer excellent durability without having the typically associated weight compromise.

Termite resistant

Hanyo Biowood Wood-Plastic Composite products provide great peace of mind as they are termite resistant, offering diverse applications in any environment.

Fire retardant and water resistant

Fire retardant and water resistant means that you can be reassured that Hanyo Biowood Wood-Plastic Composite architectural products offer great protection and can withstand whatever nature decides to throw at it, offering you peace of mind no matter what environment our products are used in.

Mould and mildew resistant

Not only are Hanyo Biowood Wood-Plastic Composite architectural products fire retardant and water resistant, they are also resistant against mould and mildew. This means that it can be used for a wide range of applications in almost any environment.

An added value to your investment

Hanyo Biowood offers a wide range of quality products that allow you to easily improve the aesthetics of any environment and add value to your investment.

A proven time-tested product in Australia

Testing in the harsh Australian climate environment means that not only are Hanyo Biowood Wood-Plastic Composite architectural products visually appealing, they are resistant against the elements of nature and are designed to last even in the toughest conditions, making it the reliable and smart choice.

No splinters, cracks or rot

You no longer have to worry about those unwanted splinters, cracks or rot developing as Hanyo Biowood Wood-Plastic Composite architectural products are low maintenance and environmentally friendly.

Ideal for residential and commercial use

Innovative, industry leading Wood-Plastic Composite architectural products that have been time tested in tough Australian conditions mean that Hanyo Biowood products are ideal for a wide range of applications in residential and commercial use.





OUR MISSION

To keep our global environment greener and minimize deforestation, by considering resource and energy use to manufacture such products, Hanyo Biowood & BioWood composite brands attempts to make people aware by introducing and implementing innovations and ideas such as using our recyclable, composite wood, and raising awareness of the amount of resources and energy involved. By using our composite wood, you are contributing to sustaining resources for today's future - a perfect interaction between ecology and efficiency.

FEATURE AND BENEFITS OF HANYO PRODUCTS



Weathering Resistant

The ability to withstand all weather



Water Resistant

Resistant to water



Insect Resistant

Anti-termite



Environmental Friendly

No hazardous



Longevity

Long life



Nail/Screw Fixing

Can be fixed with screws



Recyclable

Can be recycled after their use



Paintable

May be applied as required



Fire Resistant

Against ignition

“ SAVE THE NATURAL TREE, ”
USE THE FARM TREE



CONTENT

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ABOUT US

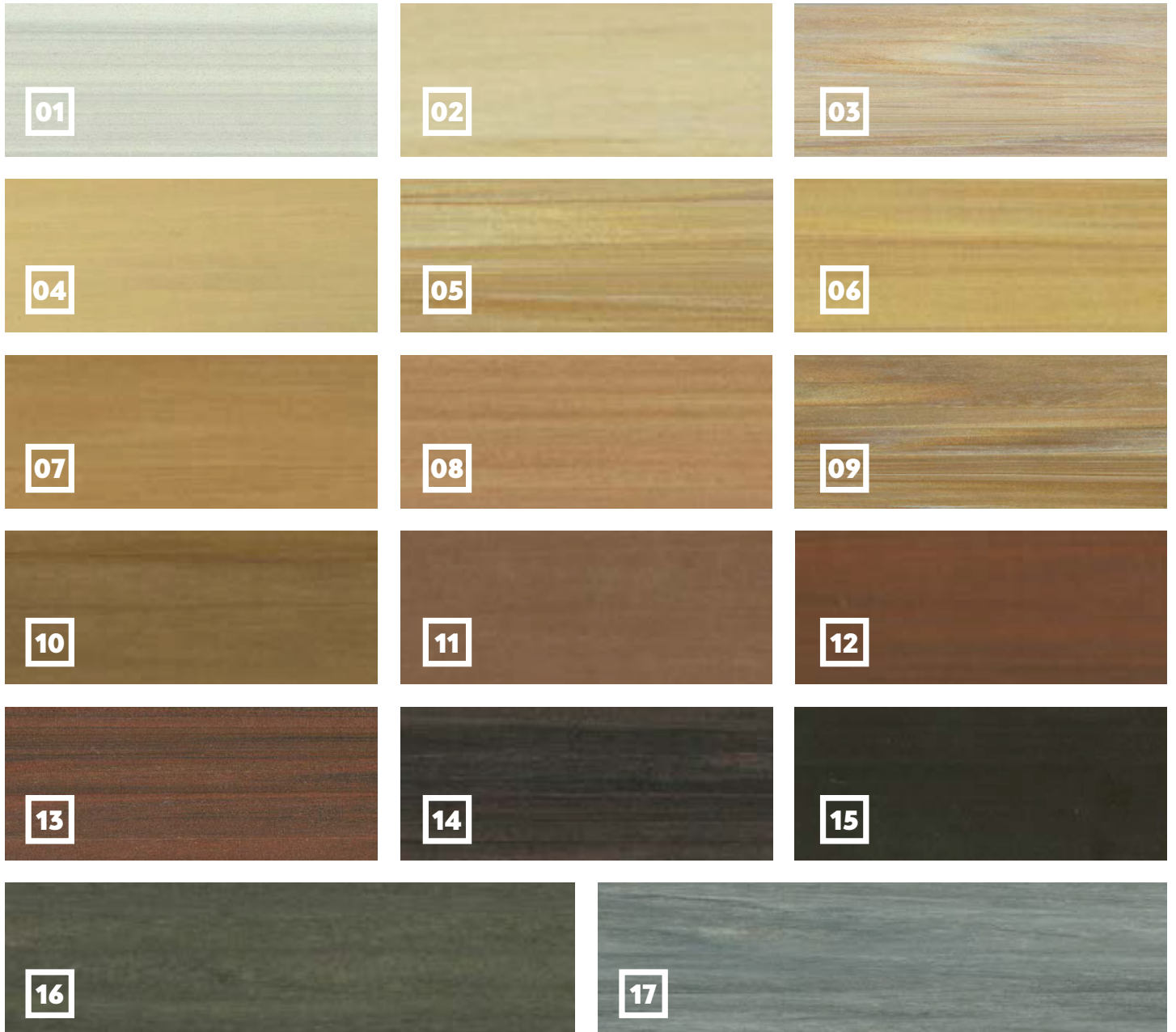
HANYO BIOWOOD is a leading composite wood supplier, based in Malaysia offering a full array of lightweight materials to minimize costs, improve quality, and seeks to lead by an example in creating a successful and growing business environment, benefiting the community.

Our product line covers a wide range of composite wood products ranging from composite wood pellets, flooring, decking, ceiling, louver, cladding, wall panel, screening, street furniture, railing series and we also produce custom design base on your requirement. We specialized in providing solutions for DIY market, Building Systems and Constructions. All products are easy to install and maintain. Each piece has a consistent quality and finishing, which does not require sanding, priming or sealing for internal wall or ceiling application. It is the perfect material that can be used for both interior and exterior of the residential or commercial projects

Through our products, we are committed to redefine the concept of value in construction and remodelling industries by providing smart, efficient and healthy alternatives to conventional building materials



COLOUR CHART



NOTE : Colour may different with actual colour. Please ask for the actual sample colour.

- | | | | |
|----|---------------|----|--------------|
| 01 | Ash White | 10 | Peach Wood |
| 02 | Cedar | 11 | Teak |
| 03 | Natural Oak | 12 | Red Cedar |
| 04 | Pine Wood | 13 | Red Oak |
| 05 | Maple | 14 | Mahogany |
| 06 | European Oak | 15 | Deep Walnut |
| 07 | Kim Maccassar | 16 | Weather Wood |
| 08 | Iron Box | 17 | Light Grey |
| 09 | Russian Oak | | |

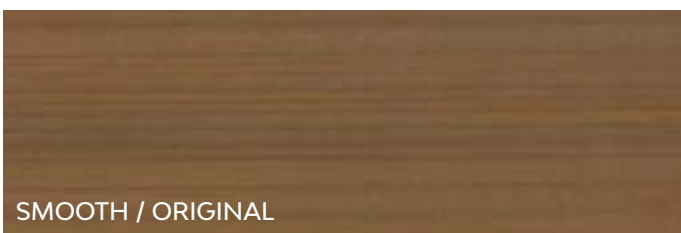
IMAGINE WHAT HANYO BIOWOOD COMPOSITE PRODUCTS CAN DO



Cladding
Internal/External Wall Panel
Ceiling
Flooring
Decking
Screening/Sun Shades
Facades
Louver/Blade
Pole/Beam/Fence/Lath
Furniture

THE
POSSIBILITIES
ARE
ENDLESS!

SURFACE FINISH APPEARANCE



SMOOTH / ORIGINAL



SANDING LINISH



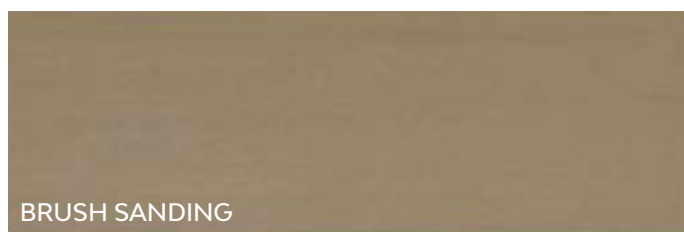
LINISH A



LINISH B



SANDING



BRUSH SANDING

SURFACE FINISH APPEARANCE

EMBOSS A

SANDING EMBOSS A

EMBOSS B

SANDING EMBOSS B

EMBOSS C

SANDING EMBOSS C

EMBOSS D

SANDING EMBOSS D

EMBOSS E

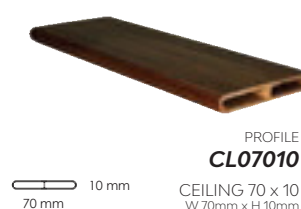
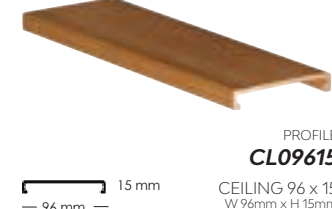
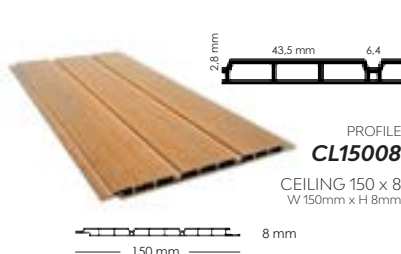
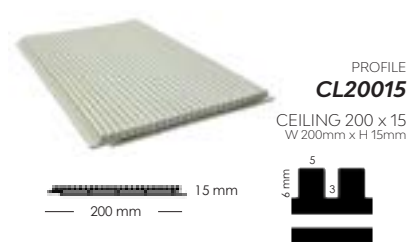
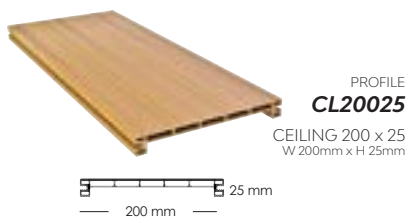
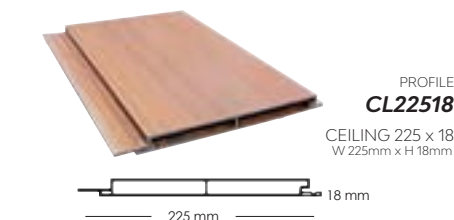
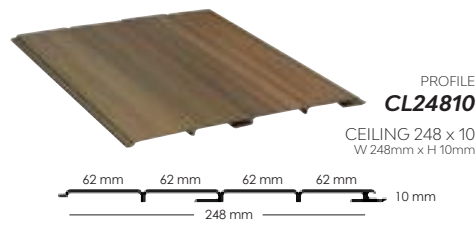
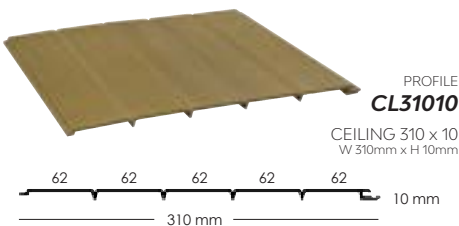
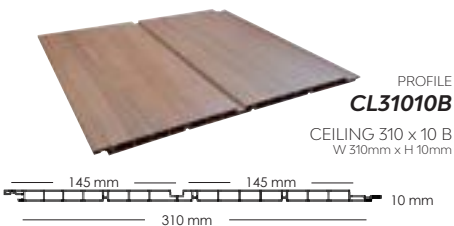
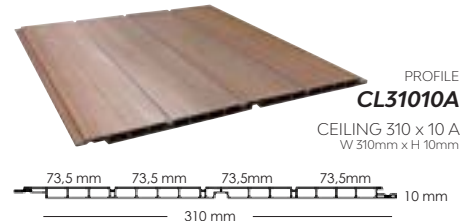
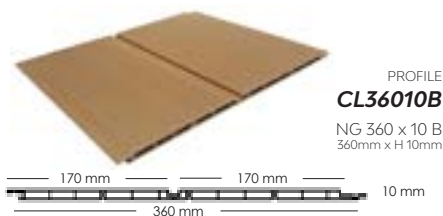
SANDING EMBOSS E

EMBOSS F

SANDING EMBOSS F

CEILING

With our range of durable ceiling products, you can now even style your home or buildings ceiling to compliment and enhance the interior or exterior appearance.
Cool in summer and warm in winter.



CEILING



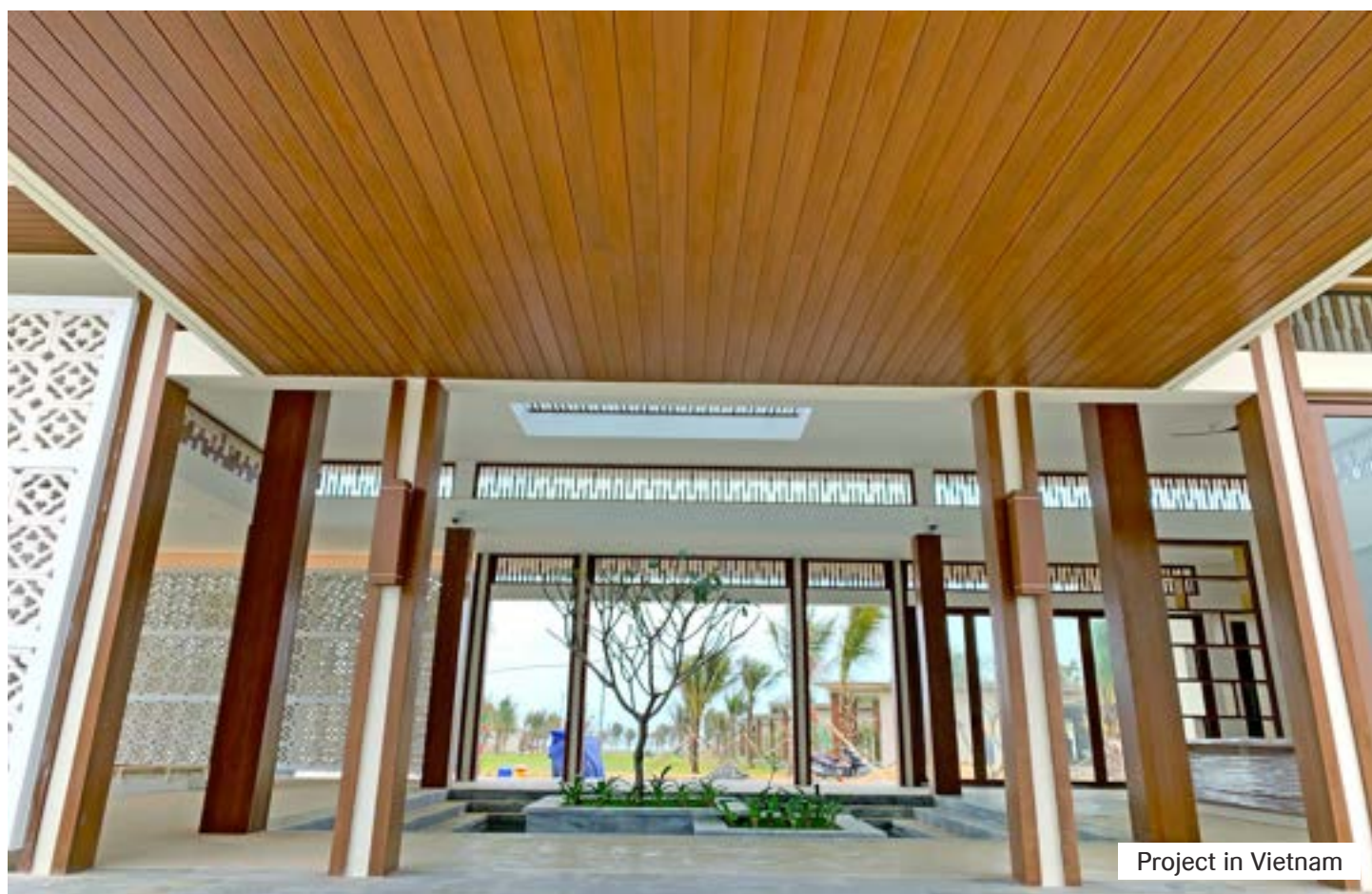
Project in Thailand



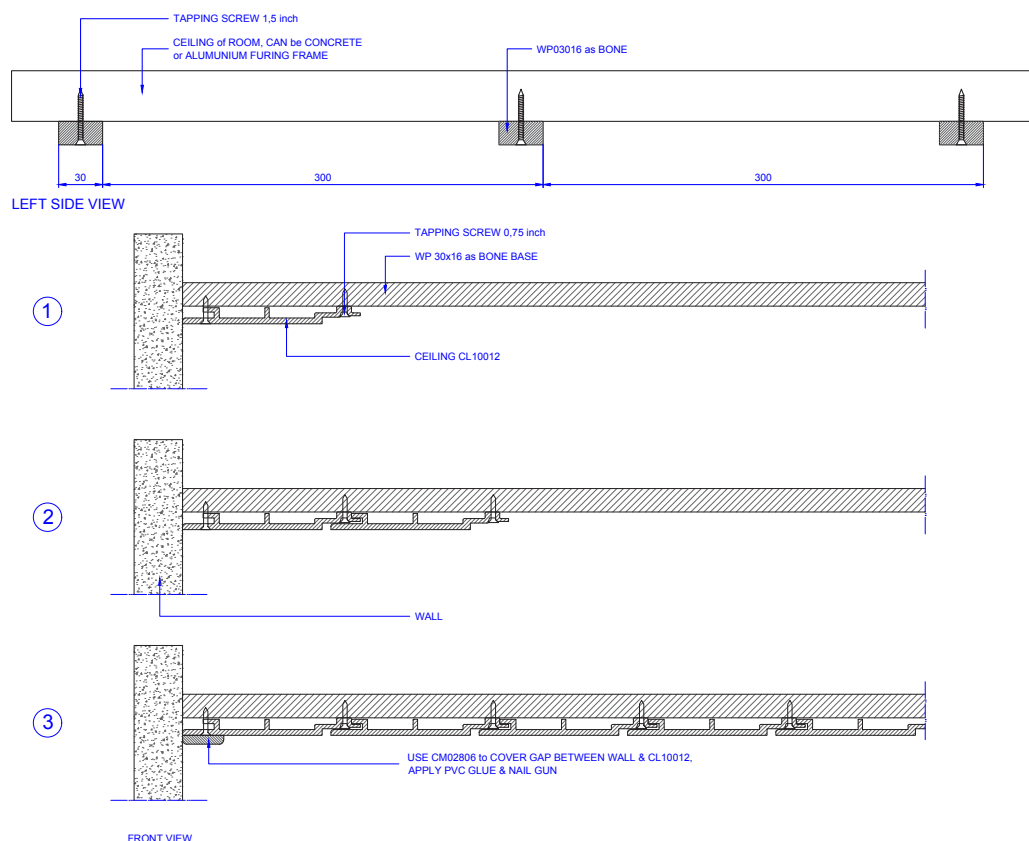
Project in Thailand



Project in Thailand



INSTALLATION GUIDE OF CEILING



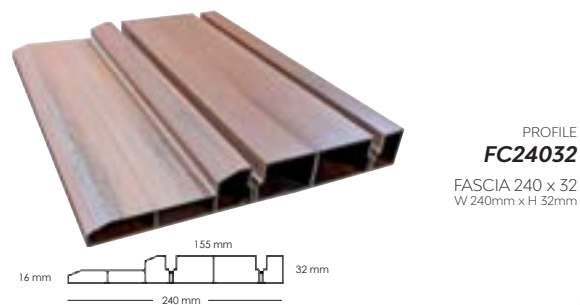
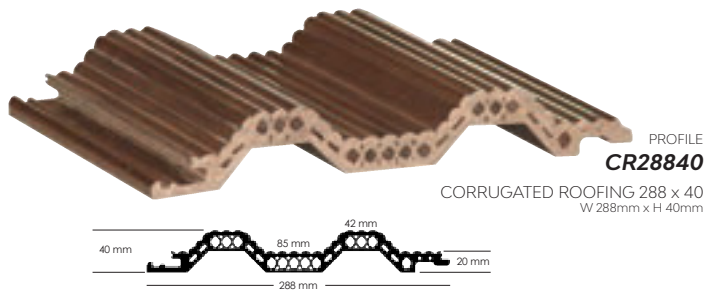
PRODUCT SPECIFICATION

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CL31010	310	10	5.85	PASS	PASS	PASS
CL24810	248	10	5.85	PASS	PASS	PASS
CL15008	150	8	5.85	PASS	PASS	PASS
CL14025	140	25	5.85	PASS	PASS	PASS
CL12408	124	8	5.85	PASS	PASS	PASS
CL12211	122	11	5.85	PASS	PASS	PASS
CL10040	100	40	5.85	PASS	PASS	PASS
CL10012	100	12	5.85	PASS	PASS	PASS
CL09615	96	15	5.85	PASS	PASS	PASS
CL06825	68	25	5.85	PASS	PASS	PASS
CL06816	68	16	5.85	PASS	PASS	PASS
CL07010	70	10	5.85	PASS	PASS	PASS
CL05540	40	55	5.85	PASS	PASS	PASS
CL05216	52	16	5.85	PASS	PASS	PASS



ROOF & FASCIA

The decorative finishing for the top of building with roofing application





Project in Taiwan



Showroom in Batam

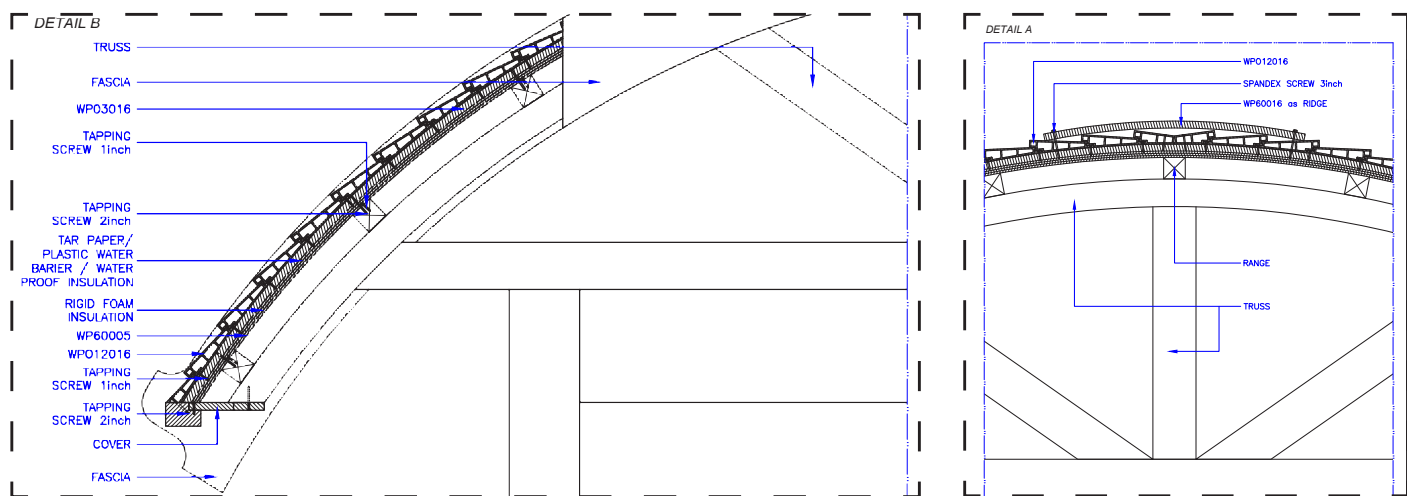
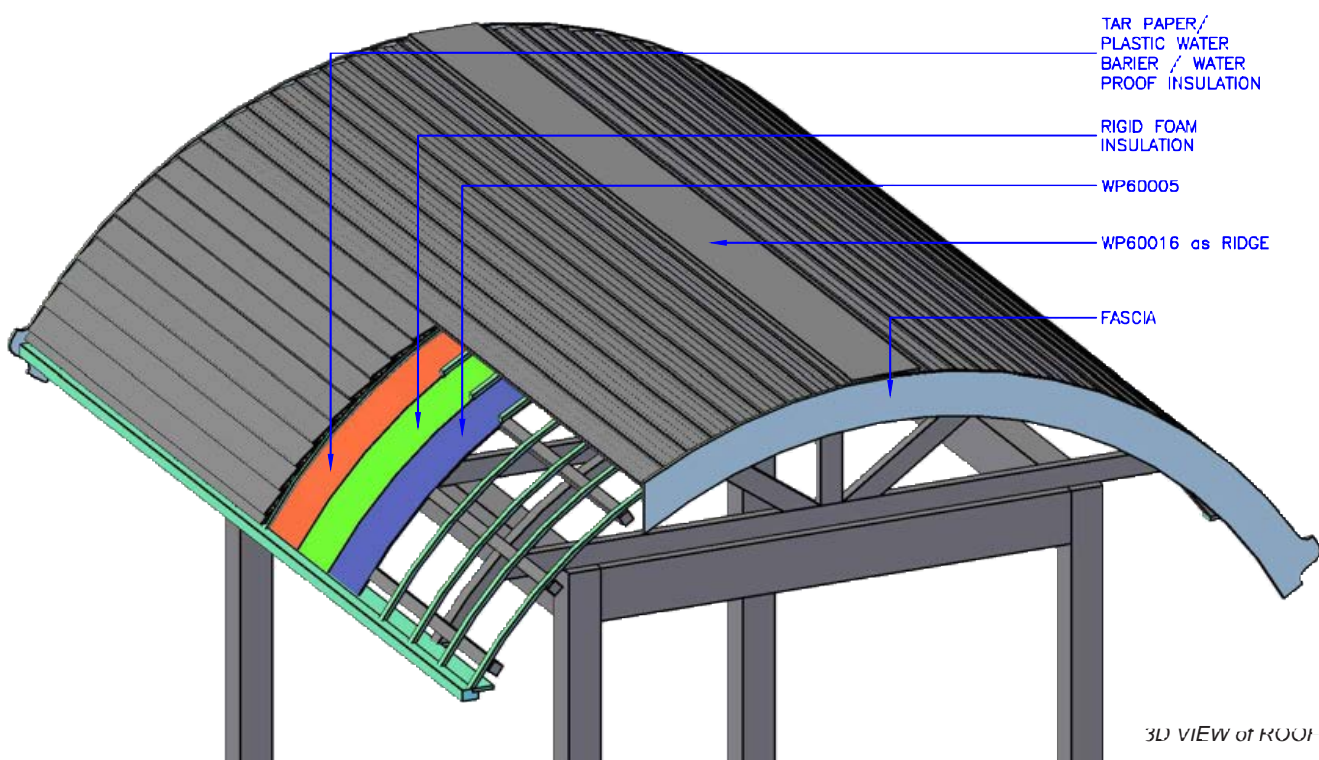


Showroom in Batam



Showroom in Batam

INSTALLATION GUIDE OF ROOF & FASCIA



PRODUCT SPECIFICATION

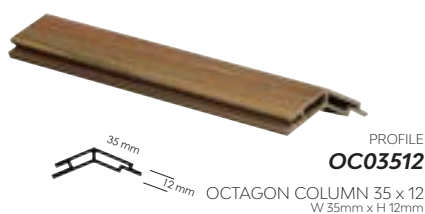
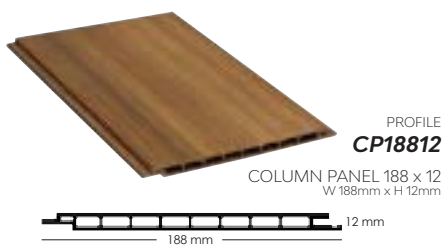
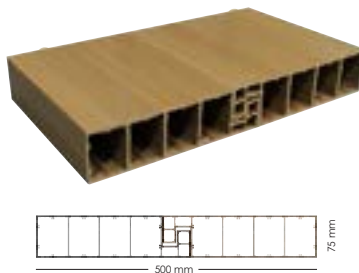
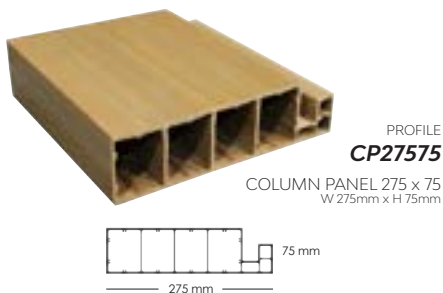
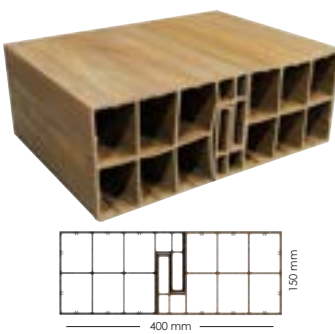
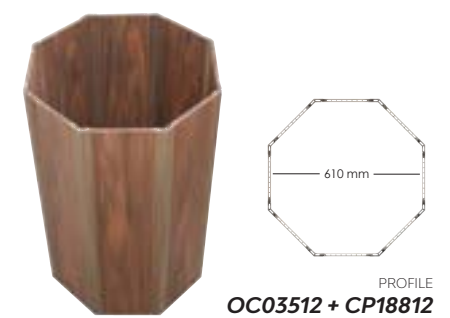
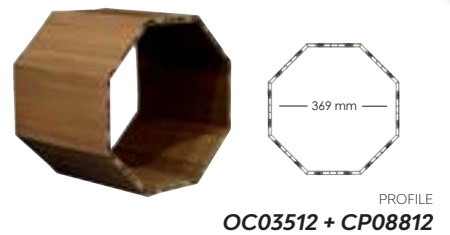
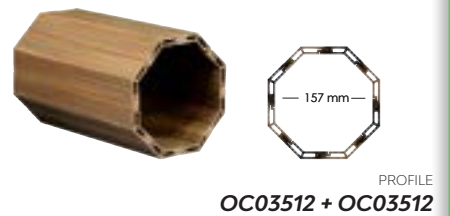
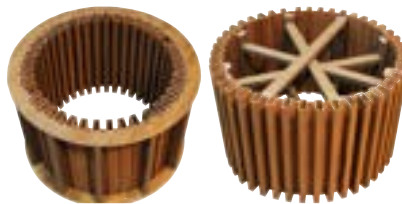
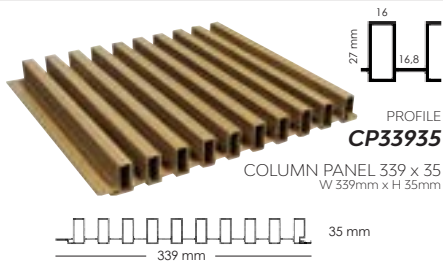
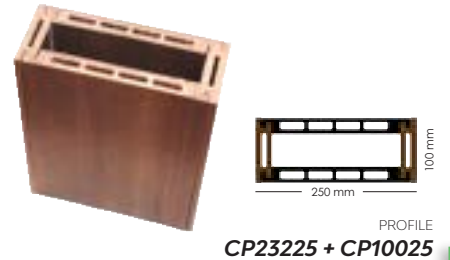
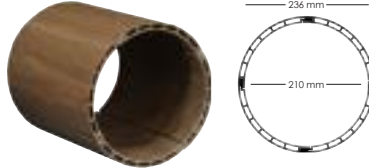
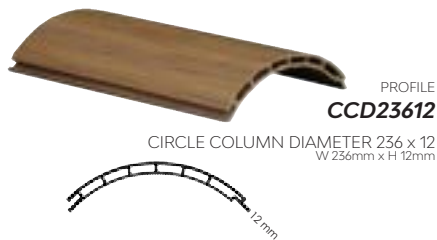
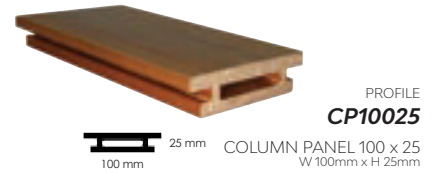
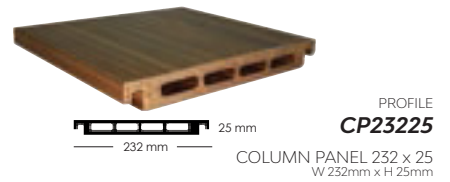
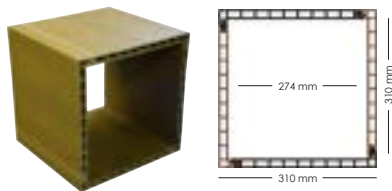
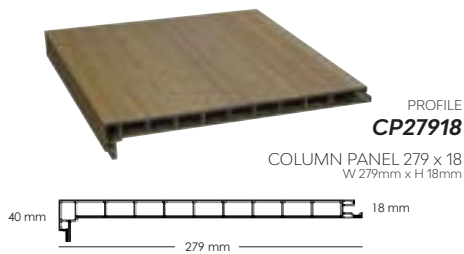
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CR28840	288	40	5.85	PASS	PASS	PASS
FC24032	240	32	5.85	PASS	PASS	PASS
WPO12016	120	16	5.85	PASS	PASS	PASS

COLUMN PANEL

With its low maintenance, sleek appearance, easy installation design, our column panel are the ultimate addition to your building stylise and protect it.

SAVE THE NATURAL TREE, USE THE FARM TREE

<https://biowood.my>

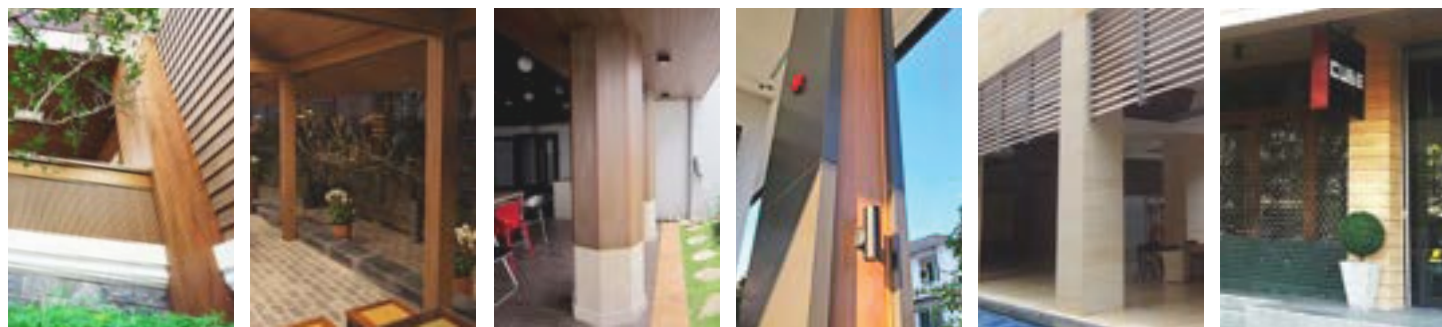




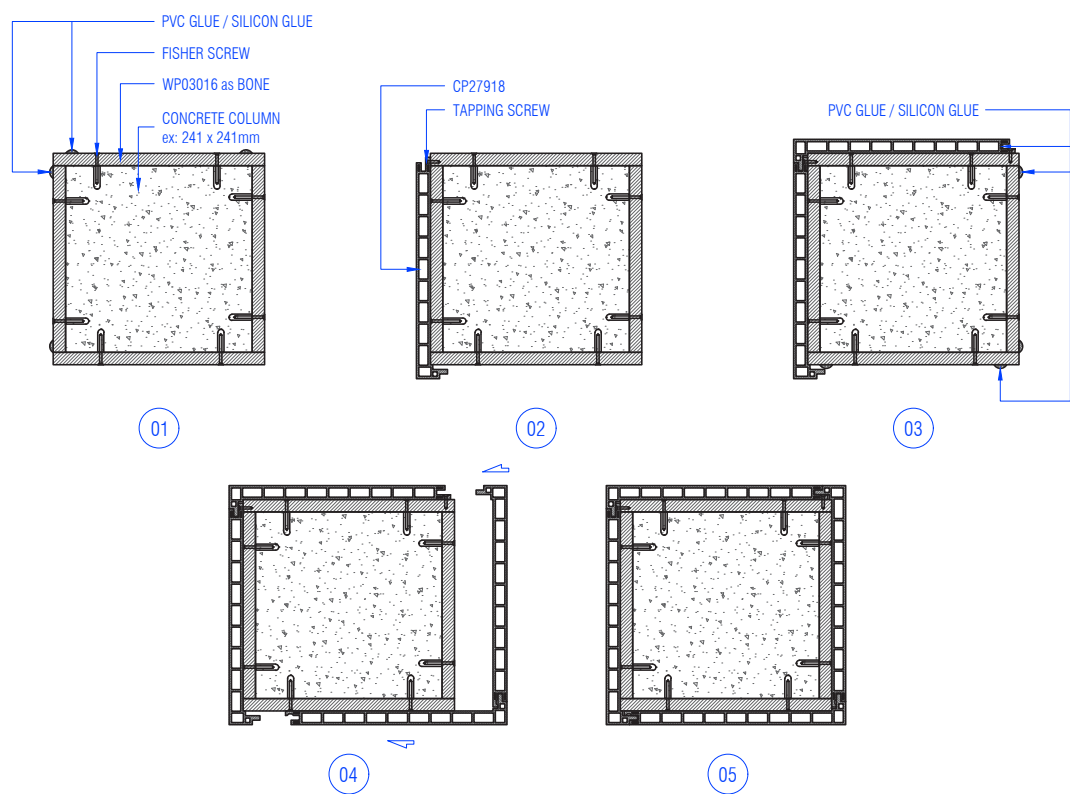
Project in Saudi Arabia



Project in Thailand



INSTALLATION GUIDE COLUMN PANEL



COLUMN PANEL

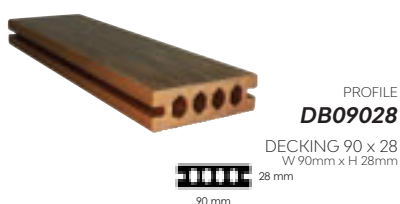
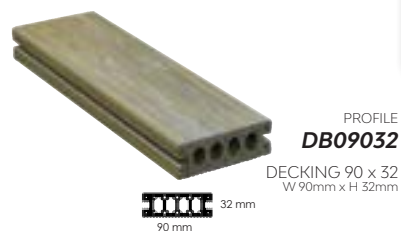
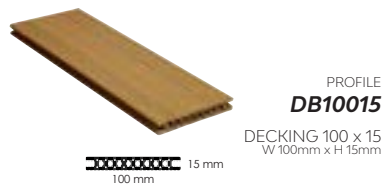
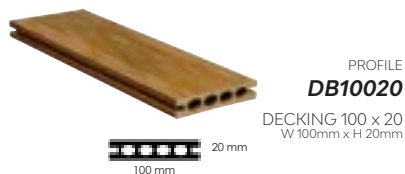
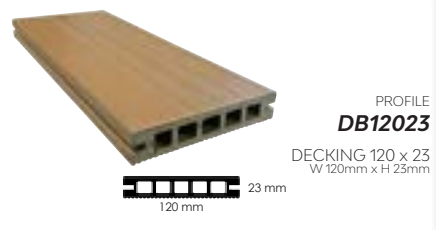
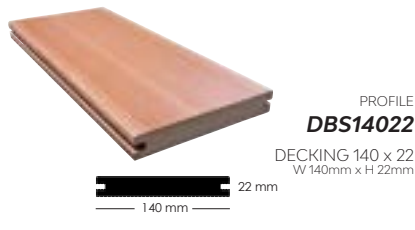
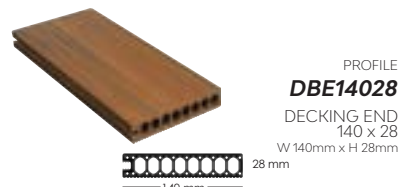
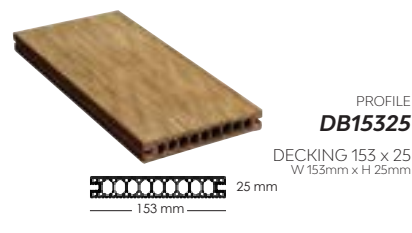
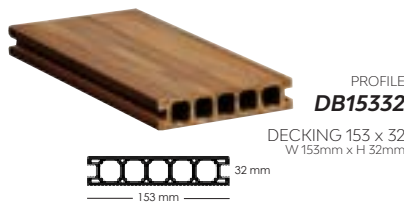
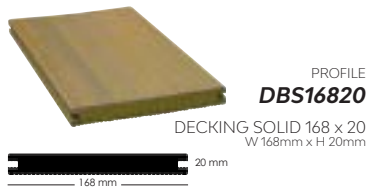
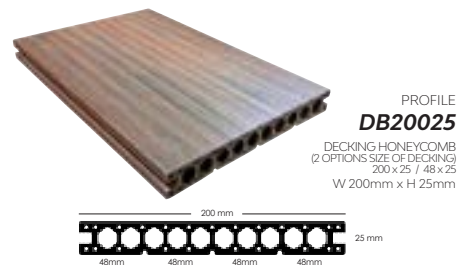
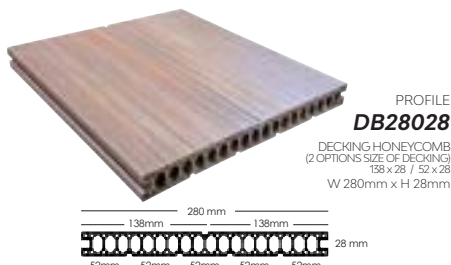
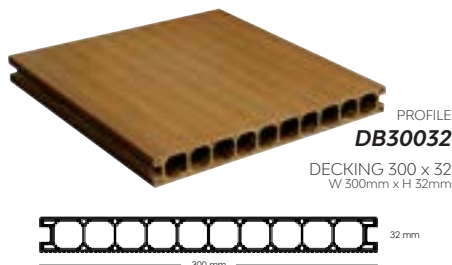
PRODUCT SPECIFICATION

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CCD23612	236	12	5.85	PASS	PASS	PASS
CP33935	339	35	5.85	PASS	PASS	PASS
CP27575	275	75	5.85	PASS	PASS	PASS
CP225150	225	150	5.85	PASS	PASS	PASS
CP23225	232	25	5.85	PASS	PASS	PASS
CP10025	100	25	5.85	PASS	PASS	PASS
CP18812	188	12	5.85	PASS	PASS	PASS
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OC03512	35	12	5.85	PASS	PASS	PASS



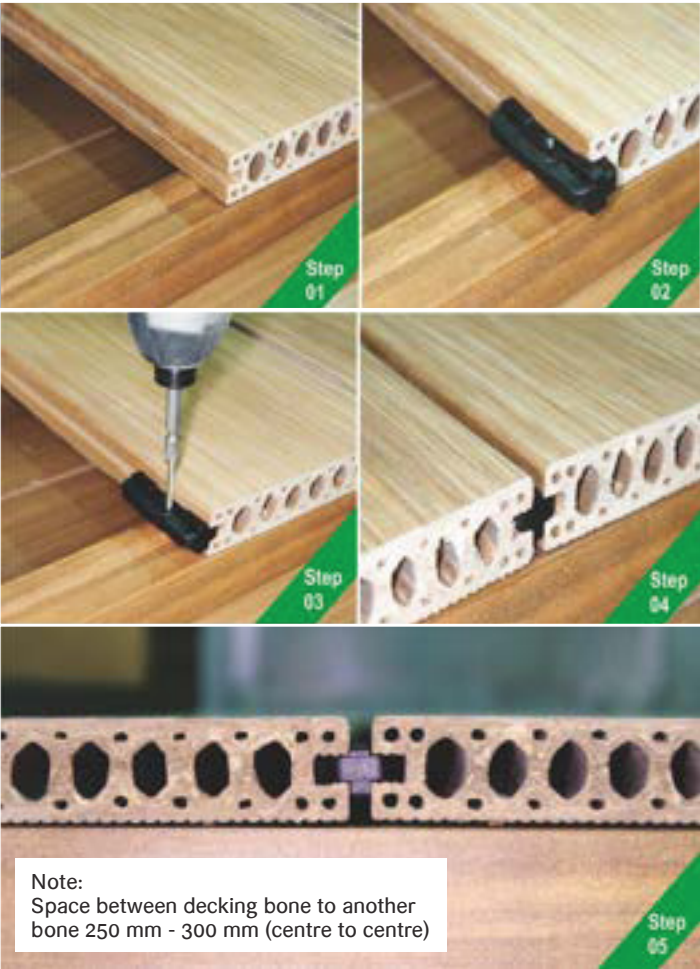
DECKING

Durable, sleek, easy installation and low maintenance decking it is the ideal product for indoor and outdoor use as it made to withstand the elements of nature

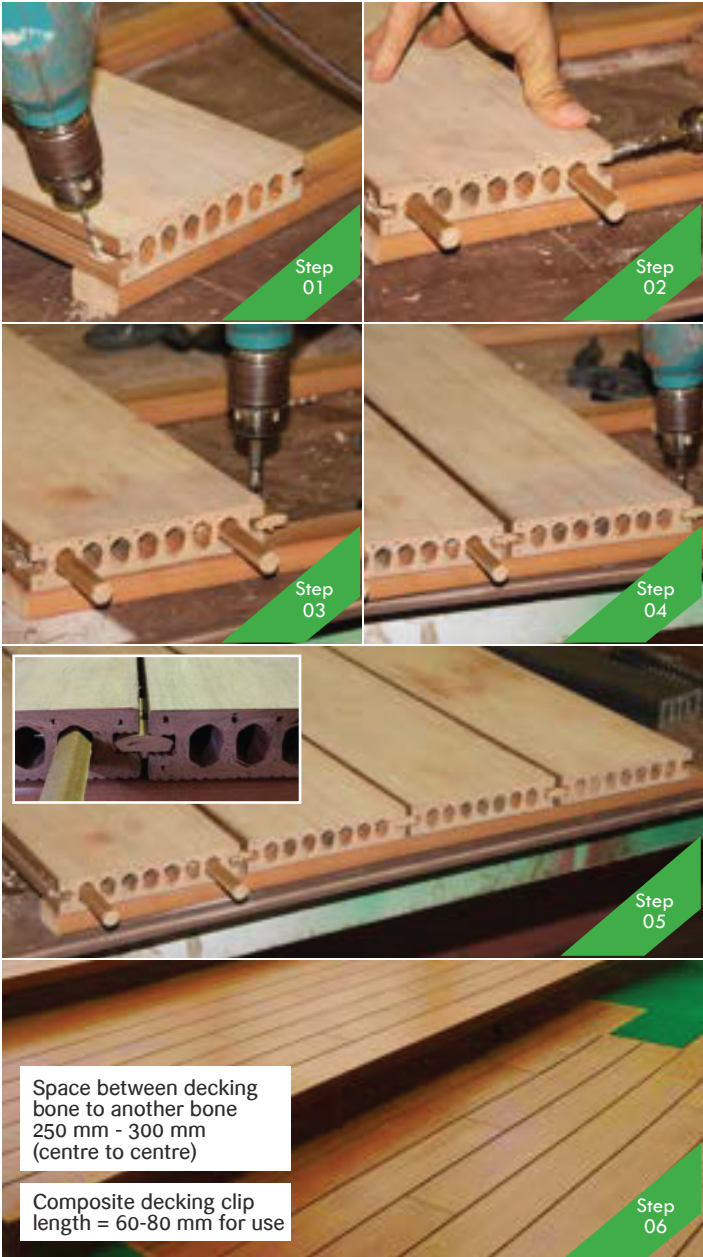


DECKING CLIP AND INSTALLATION

PLASTIC DECKING CLIP

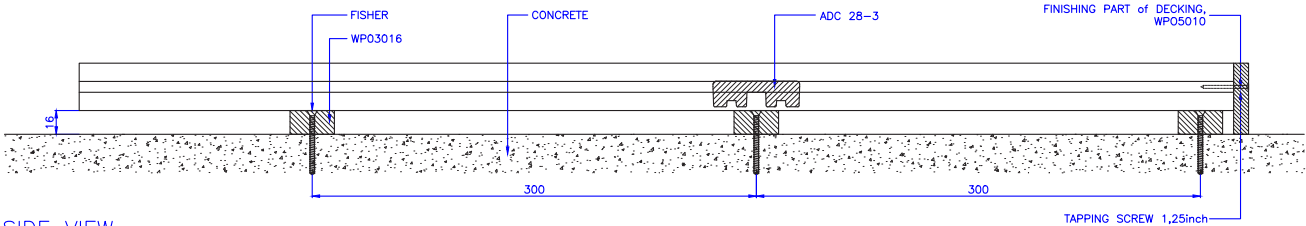


HANYO BIOWOOD DECKING CLIP



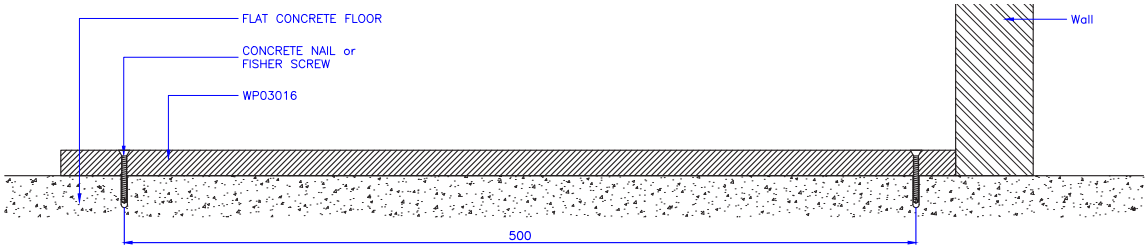
INSTALLATION GUIDE OF DECKING

01



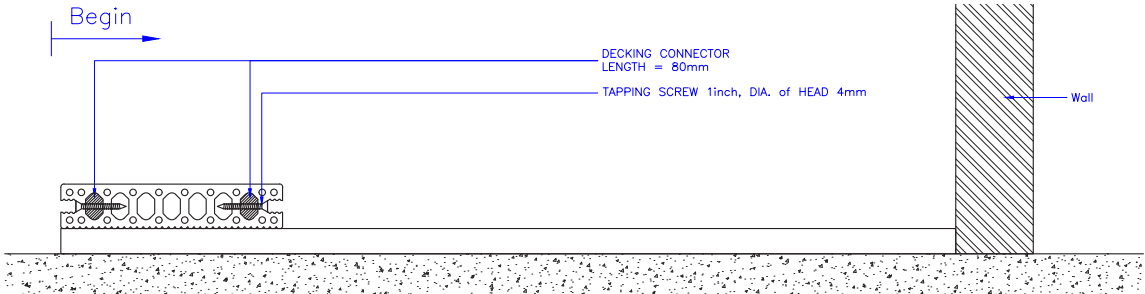
SIDE VIEW

02



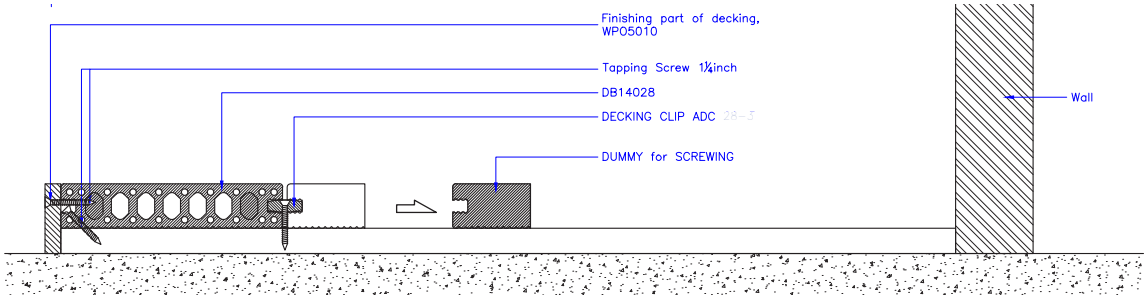
FRONT VIEW

03



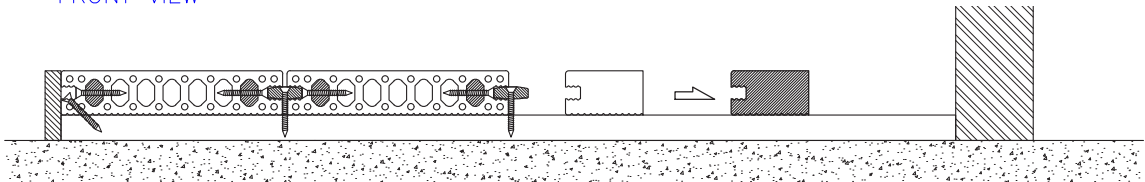
FRONT VIEW

04



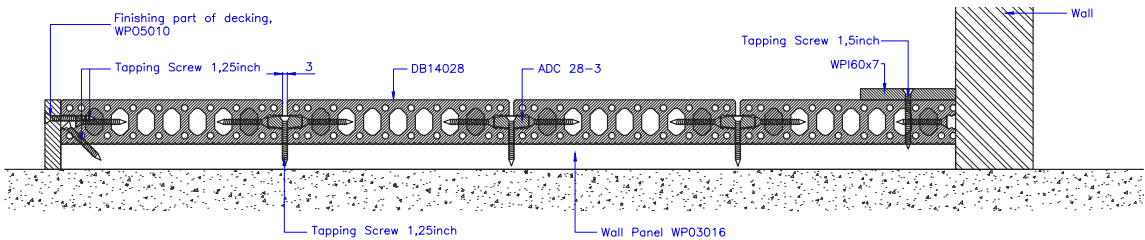
FRONT VIEW

05



FRONT VIEW

06



FRONT VIEW

PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
DB28028	280	28	5.85	PASS	PASS	PASS
DB16820	168	20	5.85	PASS	PASS	PASS
DB15332	153	32	5.85	PASS	PASS	PASS
DBS14028	140	28	5.85	PASS	PASS	PASS
DB14028	140	28	5.85	PASS	PASS	PASS
DBTG14028	140	28	5.85	PASS	PASS	PASS
DDG14028	140	28	5.85	PASS	PASS	PASS
DDF14028	140	28	5.85	PASS	PASS	PASS
DB12023	120	23	5.85	PASS	PASS	PASS
DB10020	100	20	5.85	PASS	PASS	PASS
DS04225	42	25	5.85	PASS	PASS	PASS



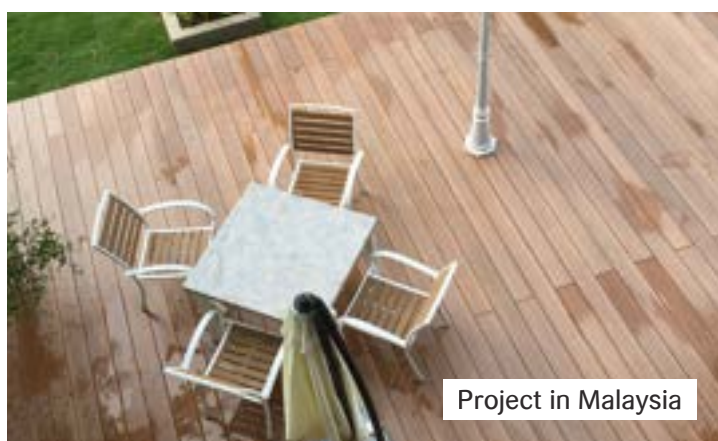
Project in Indonesia



Project in Indonesia



Project in Thailand



Project in Malaysia



Project in Macau

DOOR SYSTEM

HANYO BIOWOOD fire retardant composite wood door profile and frame produce a smooth aesthetically pleasing design and finish. They have an integrated architrave with fine curved edges and a finish that enhances the overall appeal of our HANYO BIOWOOD fire retardant composite wood door and frame profile



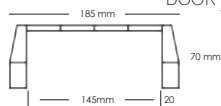
PROFILE
DP24840

DOOR PROFILE 248 x 40
W 248mm x H 40mm



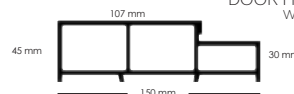
PROFILE
DF18570

DOOR FRAME 185 x 70
W 185mm x H 70mm



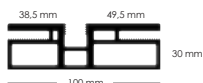
PROFILE
DF15045

DOOR FRAME 150 x 45
W 150mm x H 45mm



PROFILE
DF10030

DOOR FRAME 100 x 30
W 100mm x H 30mm



PROFILE
DFC04565

DOOR FRAME COVER 45 x 65
W 45mm x H 65mm



PROFILE
DFS03025

DOOR FRAME STOPPER 30 x 25
W 30mm x H 25mm

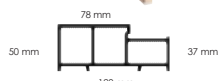


PROFILE
DF10030 + DFC04565 + DFS03025



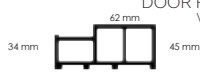
PROFILE
DF12050

DOOR FRAME 120 x 50
W 120mm x H 50mm



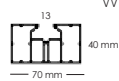
PROFILE
DF10045

DOOR FRAME 100 x 45
W 100mm x H 45mm



PROFILE
WF07040

WINDOW FRAME 70 x 40
W 70mm x H 40mm

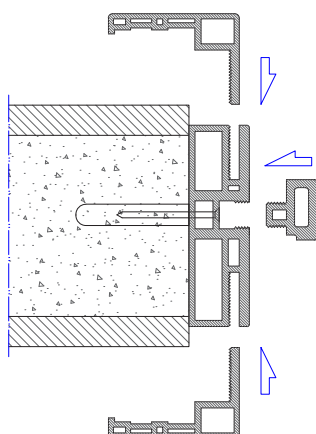


PROFILE
WF02516

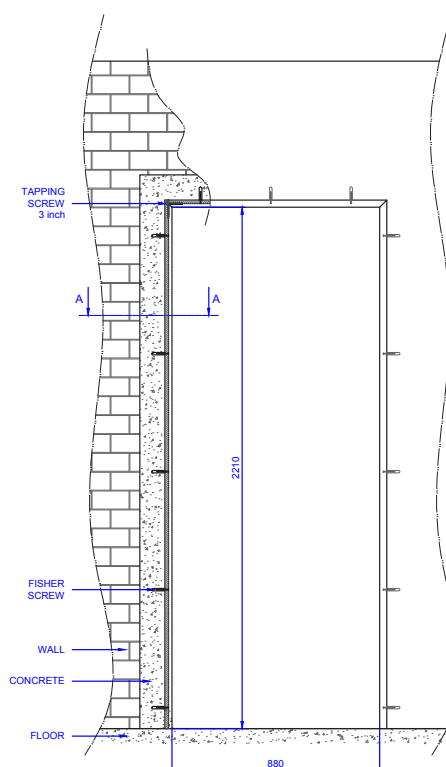
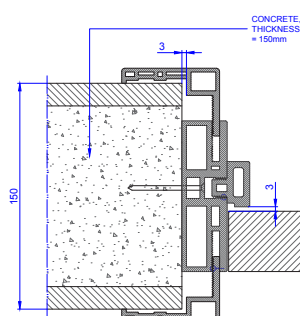
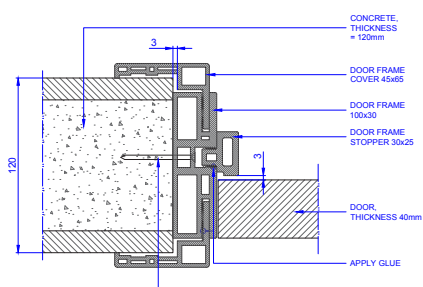
WINDOW FRAME 25 x 16
W 25mm x H 16mm



INSTALLATION GUIDE OF DOOR FRAME



SECTION A-A



PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
				BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B		
DP24840	248	40	5.85	PASS	PASS	PASS
DF18570	185	70	5.85	PASS	PASS	PASS
DF15045	150	45	5.85	PASS	PASS	PASS
DF12050	120	50	5.85	PASS	PASS	PASS
DF10045	100	45	5.85	PASS	PASS	PASS



Project in Indonesia



Project in Indonesia



Project in Indonesia



Project in Indonesia



FACADE SCREEN

Natural timber look, Durable, Water Resistant and Easy Installation Facades. An artwork which brings warmth and low maintenance that is ideal to apply for residential and commercial application.



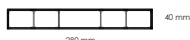
PROFILE
FS30075

FACADE SCREEN 300 x 75
W 300mm x H 75mm



PROFILE
FS28040

FACADE SCREEN 280 x 40
W 280mm x H 40mm



PROFILE
FS250100

FACADE SCREEN 250 x 100
W 250mm x H 100mm



PROFILE
FS250100A

FACADE SCREEN 250 x 100A
W 250mm x H 100mm



PROFILE
FS22050

FACADE SCREEN 220 x 50
W 220mm x H 50mm



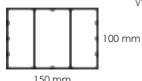
PROFILE
FS200100

FACADE SCREEN 200 x 100
W 200mm x H 100mm



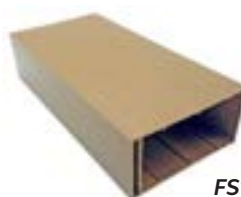
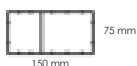
PROFILE
FS150100

FACADE SCREEN 150 x 100
W 150mm x H 100mm



PROFILE
FS15075

FACADE SCREEN 150 x 75
W 150mm x H 75mm



PROFILE
FS15075A

FACADE SCREEN 150 x 75A
W 150mm x H 75mm



PROFILE
FS09025

FACADE SCREEN 90 x 25
W 90mm x H 25mm



PROFILE
FS05075

FACADE SCREEN
50 x 75
W 50mm x H 75mm



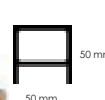
PROFILE
FS05075A

FACADE SCREEN
50 x 75 A
W 50mm x H 75mm



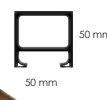
PROFILE
FS05050

FACADE SCREEN
50 x 50
W 50mm x H 50mm

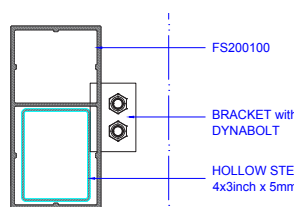
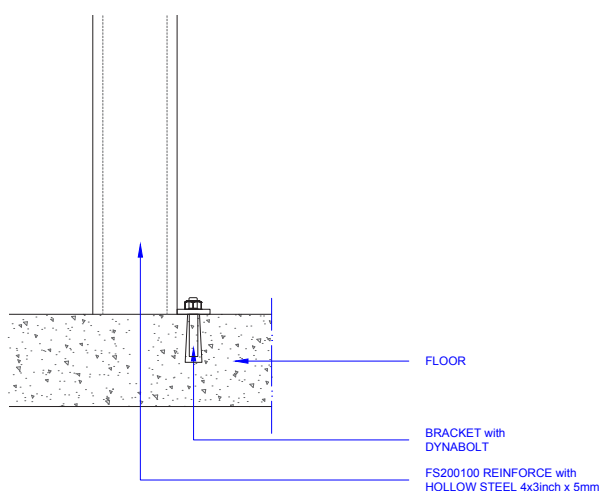


PROFILE
FSC05050

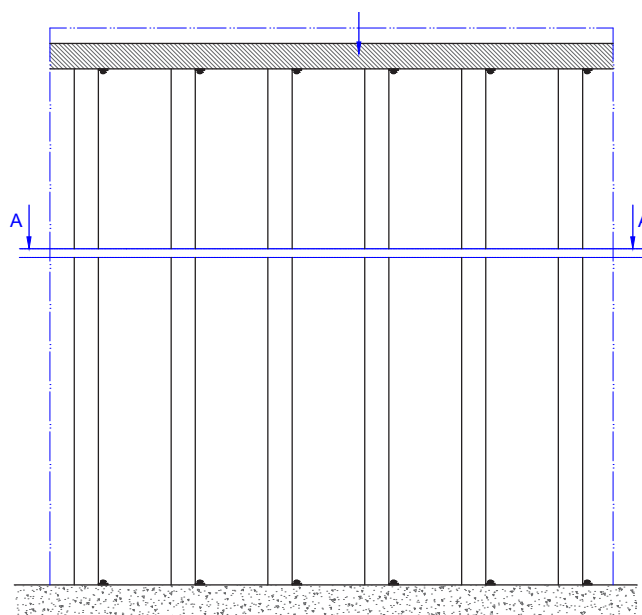
FACADE SCREEN
W/CLIP
50 x 50
W 50mm x H 50mm



INSTALLATION GUIDE OF FACADE SCREEN



SECTION A-A





Project in Thailand



Project in Australia



Project in Indonesia

PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
				BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B		
FS25010	250	100	5.85	PASS	PASS	PASS
FS22050	220	50	5.85	PASS	PASS	PASS
FS200100	200	100	5.85	PASS	PASS	PASS
FS150100	150	100	5.85	PASS	PASS	PASS
FS09025	90	25	5.85	PASS	PASS	PASS



Project in Thailand



Project in Thailand

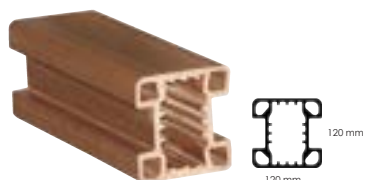
FENCING

Imagine what you can do with our
composite fence system, simply
innovative and versatile.

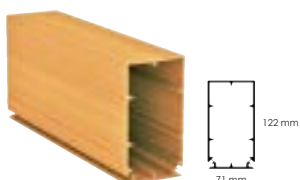


SAVE THE NATURAL TREE, USE THE FARM TREE

<https://biowood.my>



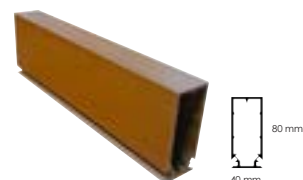
PROFILE
FP120120
FENCING POST 120 x 120
W 120mm x H 120mm



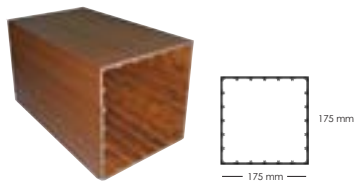
PROFILE
PC12271
POST COVER 122 x 71
W 122mm x H 71mm



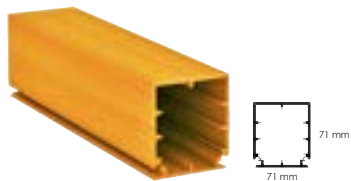
PROFILE
PC10050
POST COVER 100 x 50
W 100mm x H 50mm



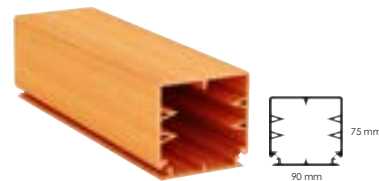
PROFILE
PC08040
POST COVER 80 x 40
W 80mm x H 40mm



PROFILE
PS175175
POST SUPPORT 175 x 175
W 175mm x H 175mm



PROFILE
PC07171
POST COVER 71 x 71
W 71mm x H 71mm



PROFILE
PC09075
POST COVER 90 x 75
W 90mm x H 75mm



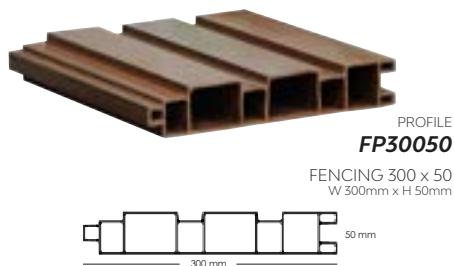
PROFILE
CSP02806
CONNECTOR SCREEN POST 28 x 6
W 28mm x H 6mm



PROFILE
MSP05050
MID SCREEN POST 50 x 50
W 50mm x H 50mm



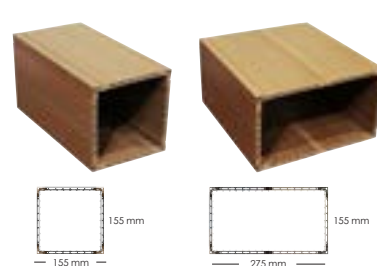
PROFILE
ESP05050
END SCREEN POST 50 x 50
W 50mm x H 50mm



PROFILE
FP30050
FENCING 300 x 50
W 300mm x H 50mm



PROFILE
VPC15508
VARIABLE POST COVER 155 x 8
W 155mm x H 8mm



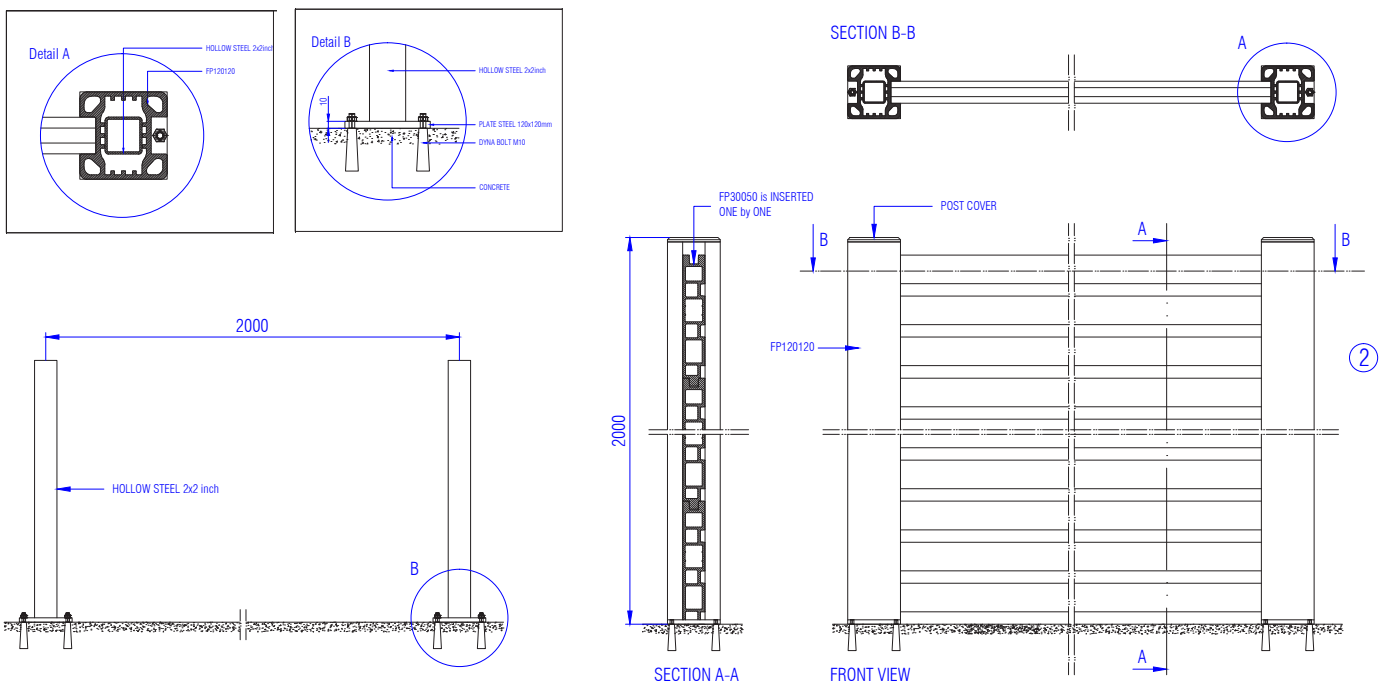
PRODUCT SPECIFICATION

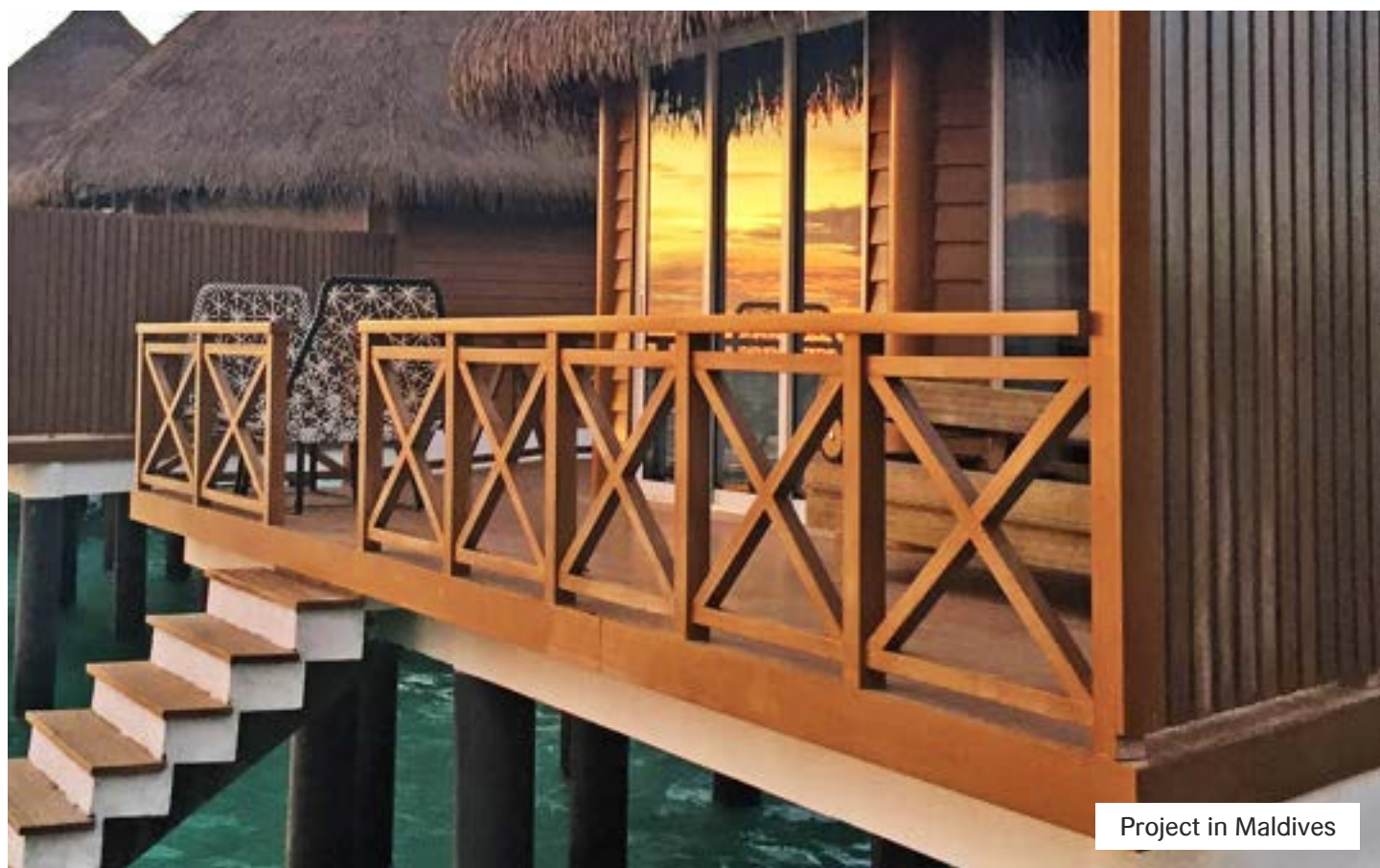
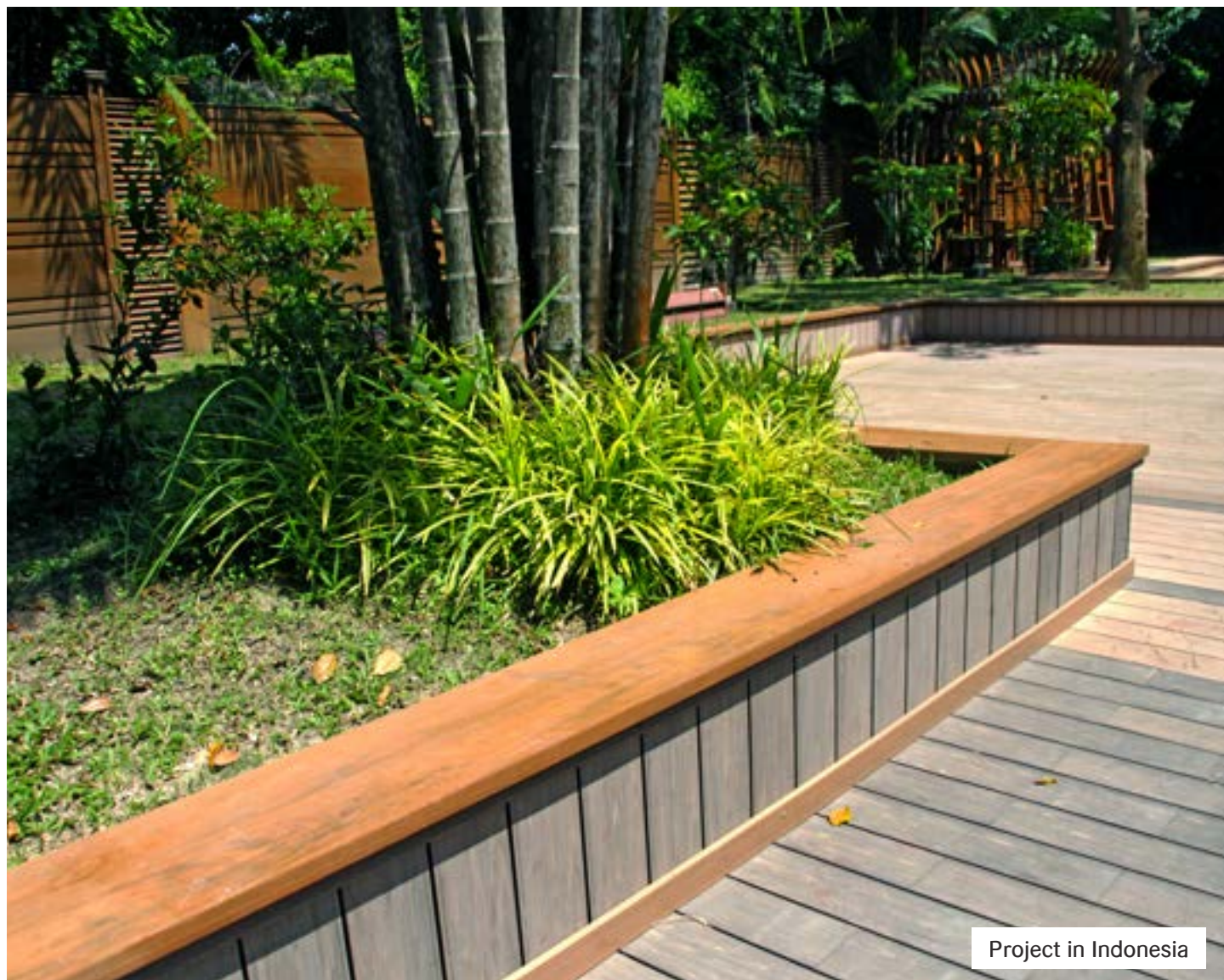
CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
FP30050	300	50	5.85	PASS	PASS	PASS
FP120120	120	120	5.85	PASS	PASS	PASS
PC12271	122	71	5.85	PASS	PASS	PASS
PC10050	100	50	5.85	PASS	PASS	PASS
VPC15508	155	8	5.85	PASS	PASS	PASS

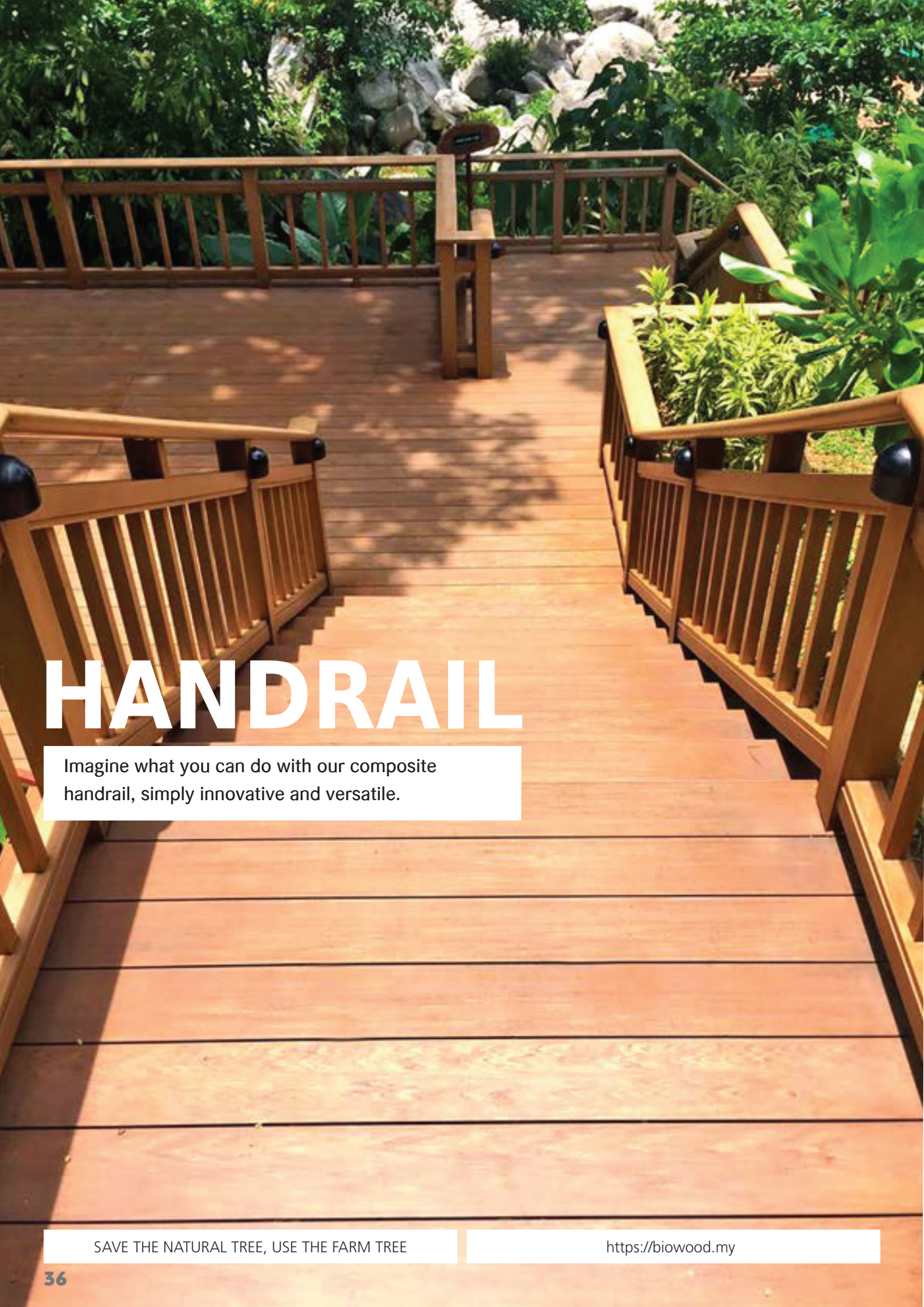


Project in Indonesia

INSTALLATION GUIDE OF FENCING







HANDRAIL

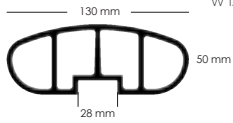
Imagine what you can do with our composite handrail, simply innovative and versatile.

INSTALLATION GUIDE OF HANDRAIL



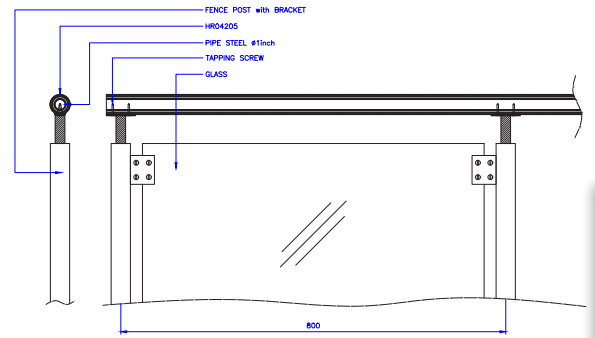
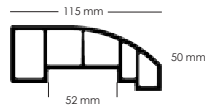
PROFILE
HR13050

HANDRAIL 130 x 50
W 130mm x H 50mm



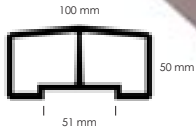
PROFILE
HR11550

HANDRAIL 115 x 50
W 115mm x H 50mm



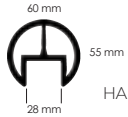
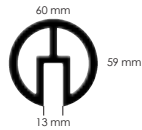
PROFILE
HR10050

HANDRAIL 100 x 50
W 100mm x H 50mm



PROFILE
HR06059

HANDRAIL 60 x 59
W 60mm x H 59mm



PROFILE
HR06055

HANDRAIL 60 x 55
W 60mm x H 55mm



PROFILE
HR04205

HANDRAIL 45 x 5
W 42mm x H 5mm



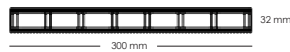
PROFILE
HR02503

HANDRAIL 25 x 3
W 25mm x H 3mm



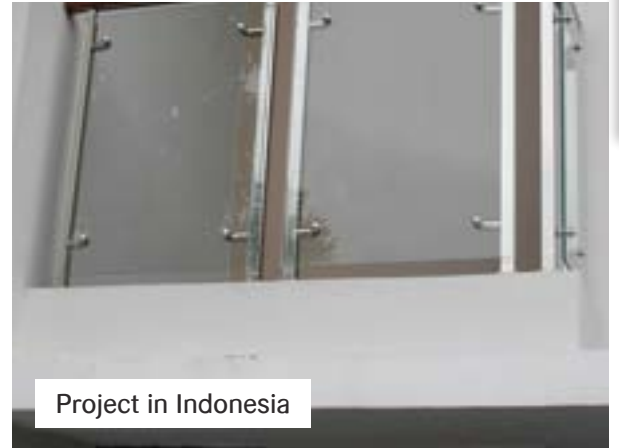
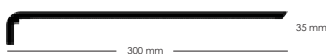
PROFILE
SC30032

STAIRCASE 300 x 32
W 300mm x H 32mm



PROFILE
SC30035

STAIRCASE 300 x 35
W 300mm x H 35mm



Project in Indonesia



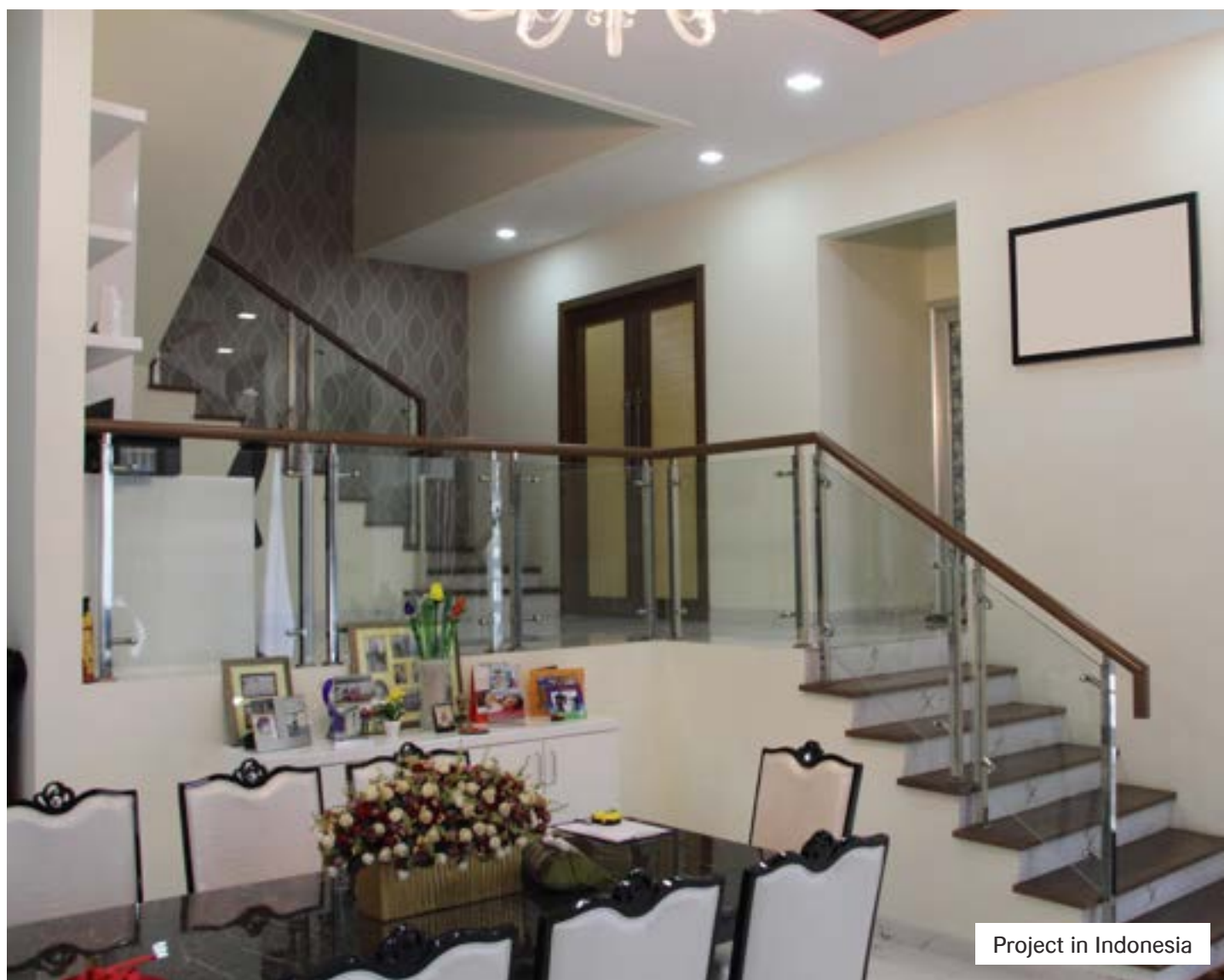
Project in Indonesia



Project in Philippines



Project in Thailand



Project in Indonesia

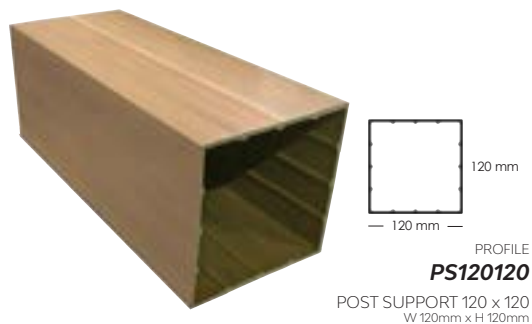
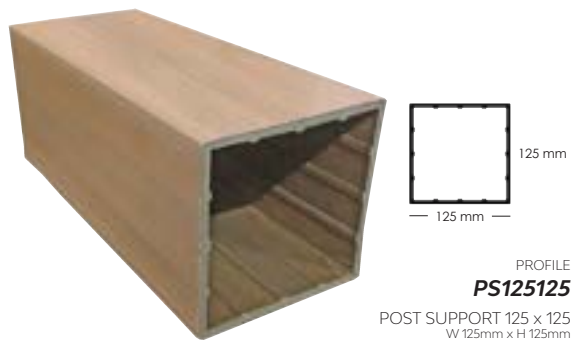
PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
				BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B		
HR13050	130	50	5.85	PASS	PASS	PASS
HR11550	115	50	5.85	PASS	PASS	PASS
HR06059	60	59	5.85	PASS	PASS	PASS
HR06055	60	55	5.85	PASS	PASS	PASS
HR04205	42	5	5.85	PASS	PASS	PASS
SC30035	300	35	5.85	PASS	PASS	PASS
SC30032	300	32	5.85	PASS	PASS	PASS



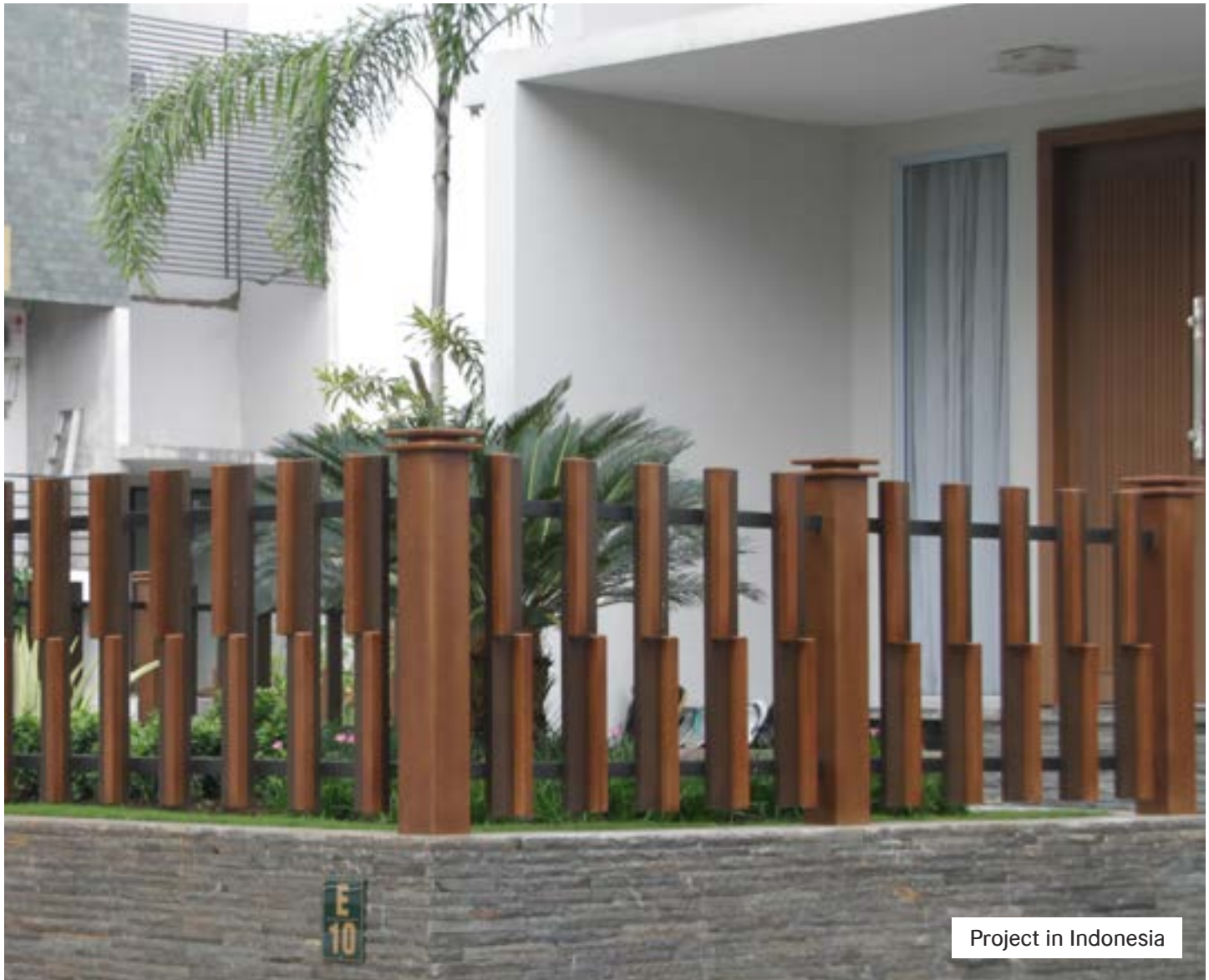
RAILING SYSTEM

Imagine what you can do with our
composite railing system, simply
innovative and versatile.



PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
PS125125	125	125	5.85	PASS	PASS	PASS
PS120120	120	120	5.85	PASS	PASS	PASS
TR07275	72	75	5.85	PASS	PASS	PASS
BR06356	63	56	5.85	PASS	PASS	PASS
SR04747	47	47	5.85	PASS	PASS	PASS
BL03131	31	31	5.85	PASS	PASS	PASS



Project in Indonesia

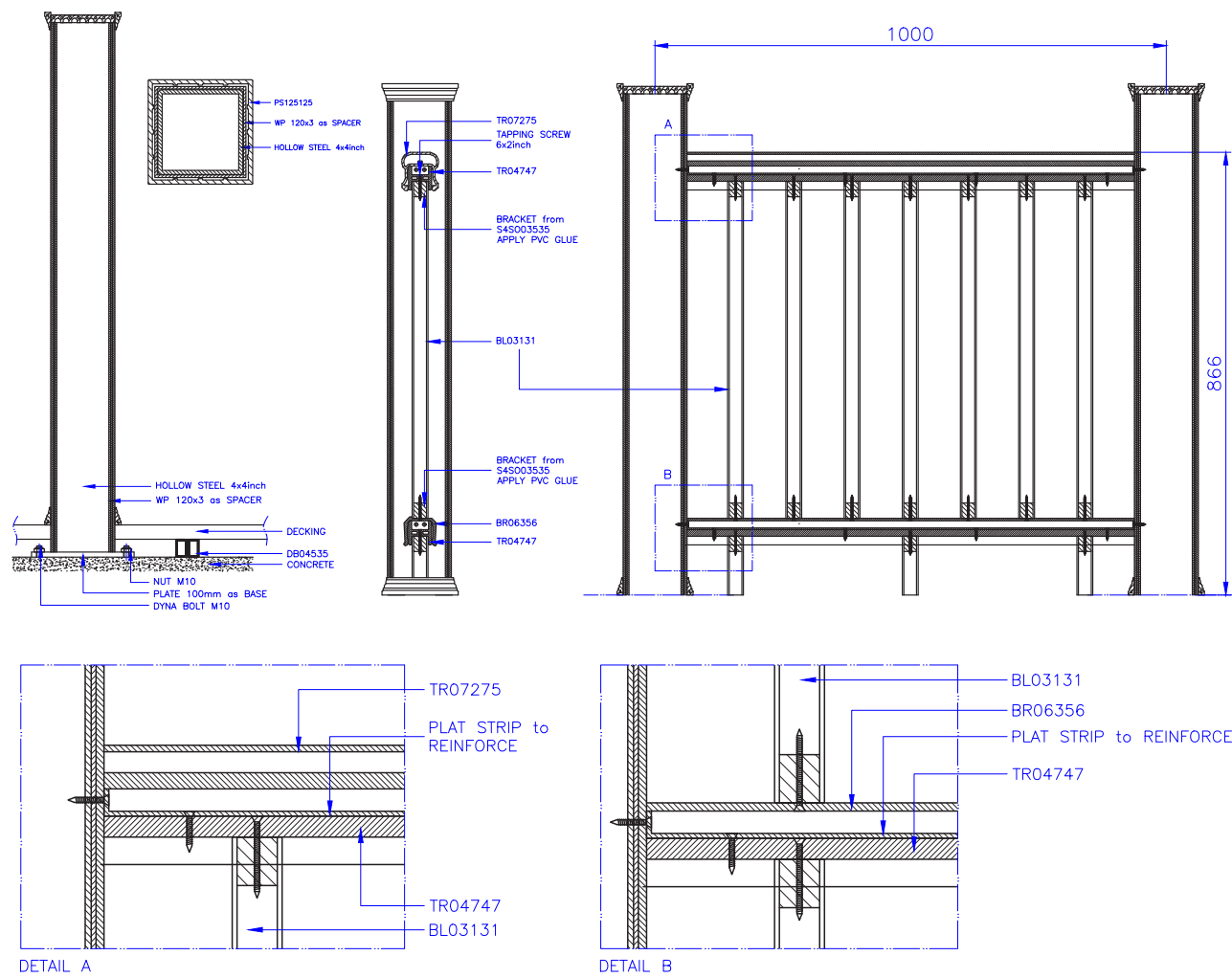


Project in Indonesia



Project in South Korea

INSTALLATION GUIDE OF RAILING SYSTEM





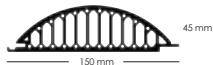
HALF LOG

Simply rugged, lightweight and durable fire retardant composite half log profile which provides a country facade look.



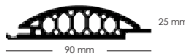
PROFILE
HLO15045

HALF LOG OUTDOOR 150 x 45
W 150mm x H 45mm



PROFILE
HLO09025

HALF LOG OUTDOOR 90 x 25
W 90mm x H 25mm



PROFILE
HLO06532

HALF LOG OUTDOOR 65 x 32
W 65mm x H 32mm



PROFILE
HLI15045

HALF LOG INDOOR 150 x 45
W 150mm x H 45mm



PROFILE
HLI09025

HALF LOG INDOOR 90 x 25
W 90mm x H 25mm



PROFILE
HLI06532

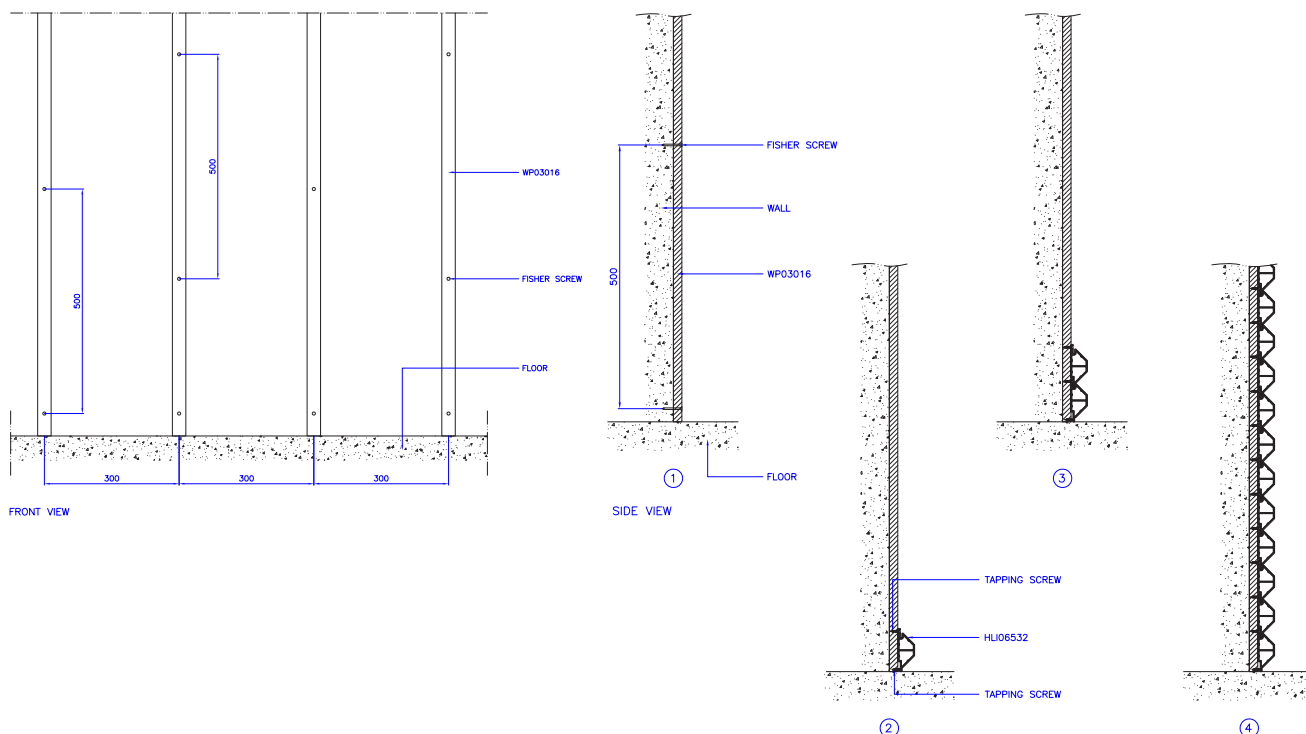
HALF LOG INDOOR 65 x 32
W 65mm x H 32mm



PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
HLO15045	150	45	5.85	PASS	PASS	PASS
HLO09025	90	25	5.85	PASS	PASS	PASS
HLO06532	65	32	5.85	PASS	PASS	PASS

INSTALLATION GUIDE OF HALF LOG





Project in Indonesia



Project in Philippines



Project in Indonesia



Project in Myanmar

ACCESSORIES

The decorative finishing touch accessories for every application for decking, flooring, cladding and ceiling application.



SAVE THE NATURAL TREE, USE THE FARM TREE

<https://biowood.my>



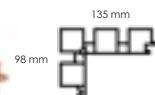
PROFILE
DC17019

DECKING CONNECTOR 170 x 19
W 170mm x H 19mm



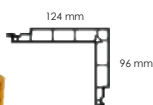
PROFILE
EC13598

EXTERNAL CORNER 135 x 98
W 135mm x H 98mm



PROFILE
EC13598A

EXTERNAL CORNER 135 x 98 A
W 135mm x H 98mm



PROFILE
EC12496

EXTERNAL CORNER 124 x 96
W 124mm x H 96mm



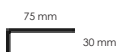
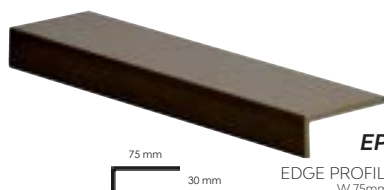
PROFILE
EC12496A

EXTERNAL CORNER 124 x 96 A
W 124mm x H 96mm



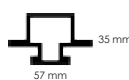
PROFILE
EC07676

EXTERNAL CORNER 76 x 96
W 76mm x H 96mm



PROFILE
EP07530

EDGE PROFILE 75 x 30
W 75mm x H 30mm



PROFILE
CJ05735

COLUMN JOINT 57 x 35
W 57mm x H 35mm



PROFILE
ES05328

END STAIRS 53 x 28
W 53mm x H 28mm



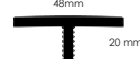
PROFILE
JP06523

JOINT PANEL 65 x 23
W 65mm x H 23mm



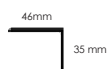
PROFILE
CJ06418

COLUMN JOINT 64 x 18
W 64mm x H 18mm



PROFILE
JP04820

JOINT PANEL 48 x 20
W 48mm x H 20mm



PROFILE
EP04635

EDGE PROFILE 46 x 35
W 46mm x H 35mm



PROFILE
EC04545A

EXTERNAL CORNER 45 x 45A
W 45mm x H 45mm



PROFILE
EC04545B

EXTERNAL CORNER 45 x 45B
W 45mm x H 45mm



PROFILE
EP04545

EDGE PROFILE 45 x 45
W 45mm x H 45mm



PROFILE
EP02825

EDGE PROFILE 28 x 25
W 28mm x H 25mm



PROFILE
EP02121

EDGE PROFILE 21 x 21
W 21mm x H 12mm



PROFILE
Q01212

QUAD 12 x 12
W 12mm x H 12mm



PROFILE
ST01919

SCOTIA 19 x 19
W 19mm x H 19mm



PROFILE
JB02112

JABARA 21 x 12
W 21mm x H 12mm



PROFILE
Q01919

QUAD 19 x 19
W 19mm x H 19mm



PROFILE
CM02806

COVER MOULD 28 x 6
W 28mm x H 6mm



PROFILE
CM02506

COVER MOULD 25 x 6
W 25mm x H 6mm



PROFILE
CM02105

COVER MOULD 21 x 5
W 21mm x H 5mm



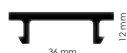
PROFILE
CM01605

COVER MOULD 16 x 5
W 16mm x H 5mm



PROFILE
EP02828

EDGE PROFILE 28 x 28
W 28mm x H 28mm



PROFILE
C03612A

CLIP 36 x 12A
W 36mm x H 12mm



PROFILE
C03612B

CLIP 36 x 12B
W 36mm x H 12mm



PROFILE
C03612A + C03612B



Project in Australia



Project in Thailand



Project in Philippines





Project in Thailand

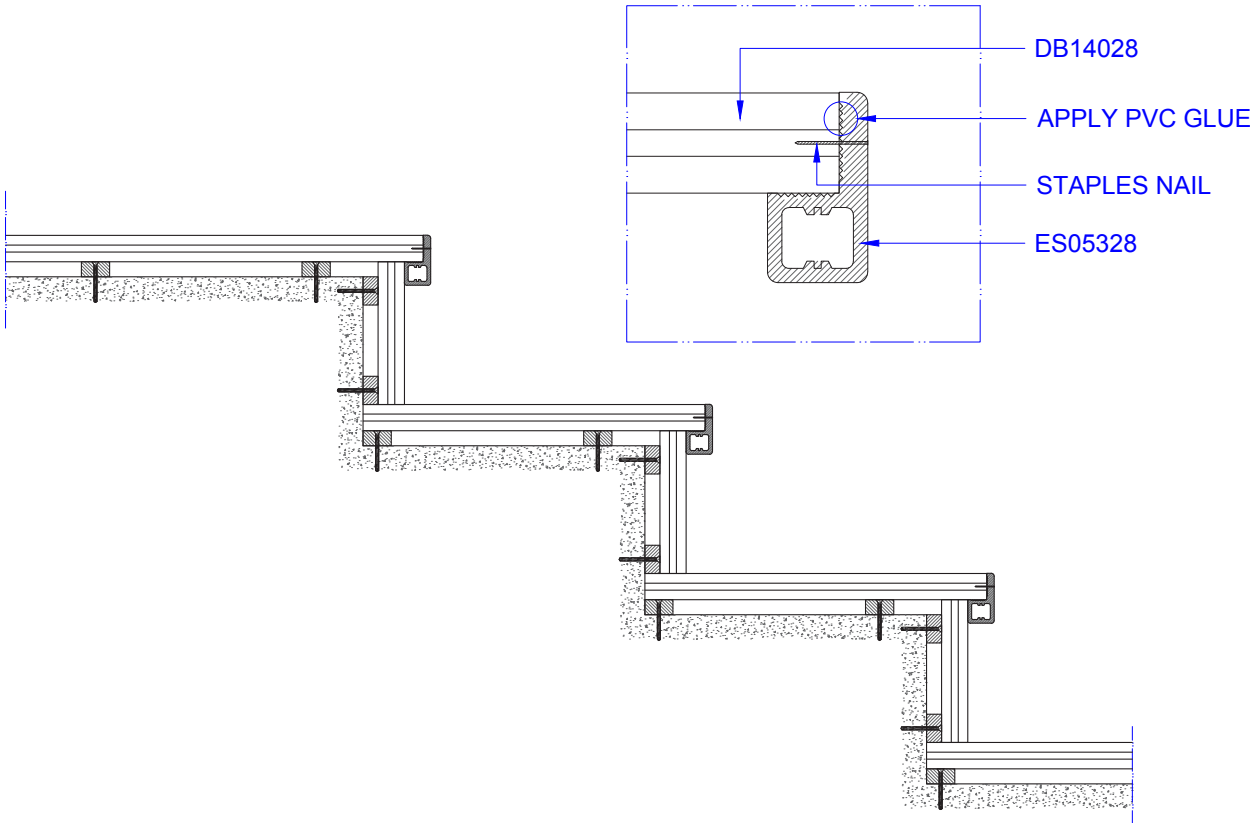


Project in Indonesia

PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
DC17019	170	19	5.85	PASS	PASS	PASS
EC13598	135	98	5.85	PASS	PASS	PASS
EC12496	124	96	5.85	PASS	PASS	PASS
EP07530	75	30	5.85	PASS	PASS	PASS
CJ05735	57	35	5.85	PASS	PASS	PASS
ES05328	53	28	5.85	PASS	PASS	PASS
JP06523	65	23	5.85	PASS	PASS	PASS
CJ06418	64	18	5.85	PASS	PASS	PASS
JP04820	48	20	5.85	PASS	PASS	PASS
EP04635	46	35	5.85	PASS	PASS	PASS

INSTALLATION GUIDE OF END STAIRS



A photograph of a room corner. The floor is covered in wood-look laminate flooring. The walls are a light, neutral color. A white wall-mounted air conditioner is visible on the upper left wall. To the right, there is a window with light-colored curtains featuring a subtle floral or leaf pattern. A recessed ceiling light is visible in the upper right corner.

INDOOR FLOORING

Natural timber look, durable, water resistant and easy installation flooring. An artwork which brings warmth and low maintenance that is ideal to apply in wet room areas, residential and commercial project.



PROFILE
IF25008
INDOOR FLOORING 250 x 8
W 250mm x H 8mm



PROFILE
IF25006
INDOOR FLOORING 250 x 6
W 250mm x H 6mm



PROFILE
IF20012
INDOOR FLOORING 200 x 12
W 200mm x H 12mm



PROFILE
IF19012
INDOOR FLOORING 190 x 12
W 190mm x H 12mm



PROFILE
IF15012
INDOOR FLOORING 150 x 12
W 150mm x H 12mm



PROFILE
IF14010
INDOOR FLOORING 140 x 10
W 140mm x H 10mm



PROFILE
IF13008
INDOOR FLOORING 130 x 8
W 130mm x H 8mm



PROFILE
IF12515
INDOOR FLOORING 125 x 15
W 125mm x H 15mm



PROFILE
IF12512
INDOOR FLOORING 125 x 12
W 125mm x H 12mm



PROFILE
IF12508
INDOOR FLOORING 125 x 8
W 125mm x H 8mm



PROFILE
IF12506
INDOOR FLOORING 125 x 6
W 125mm x H 6mm



PROFILE
IF11312
INDOOR FLOORING 113 x 12
W 113mm x H 12mm



PROFILE
IF09510
INDOOR FLOORING 95 x 10
W 95mm x H 10mm



PROFILE
IFE03512
FLOORING END 35 x 12
W 35mm x H 12mm



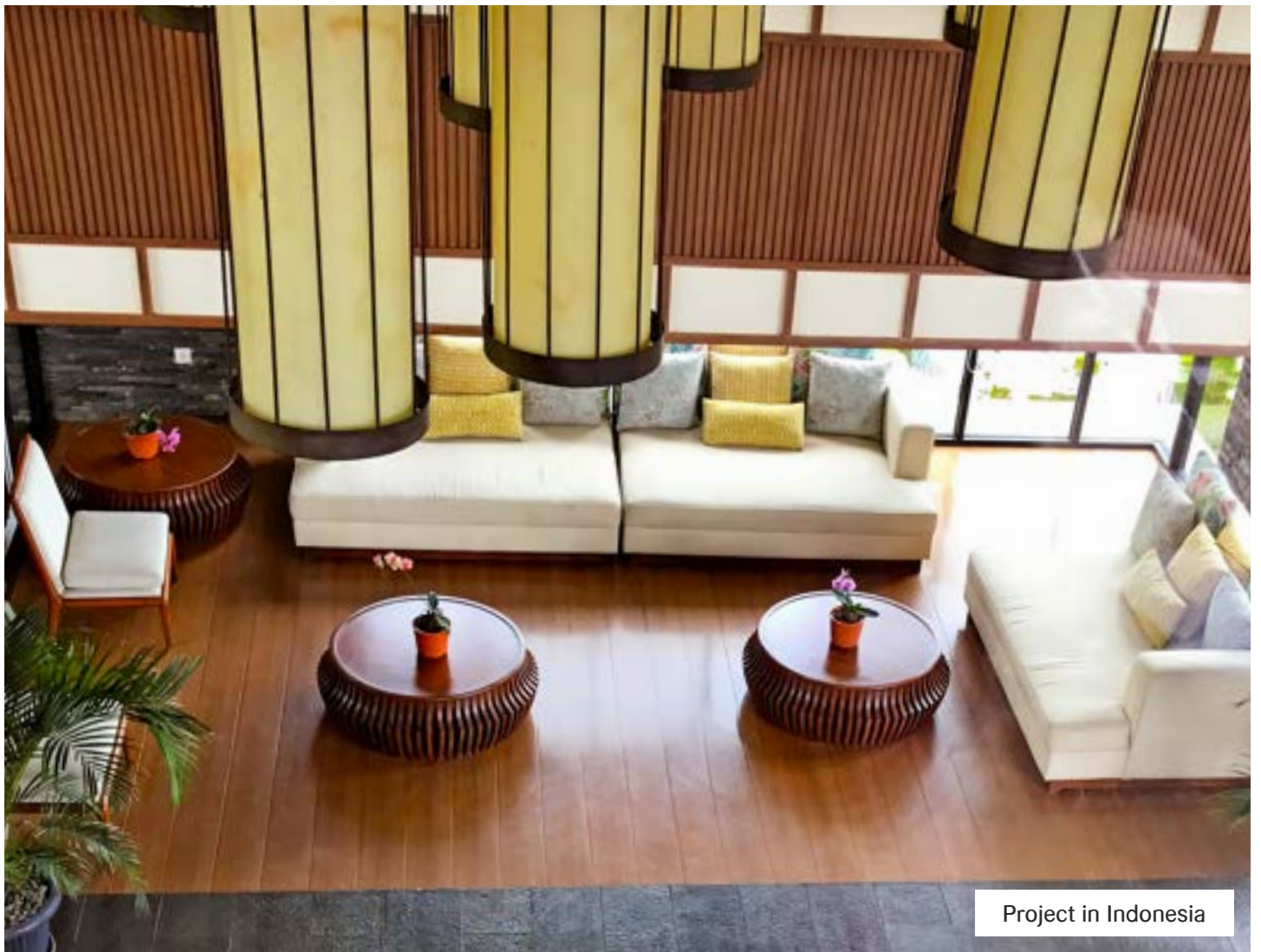
PROFILE
IFE03508
FLOORING END 35 x 8
W 35mm x H 8mm



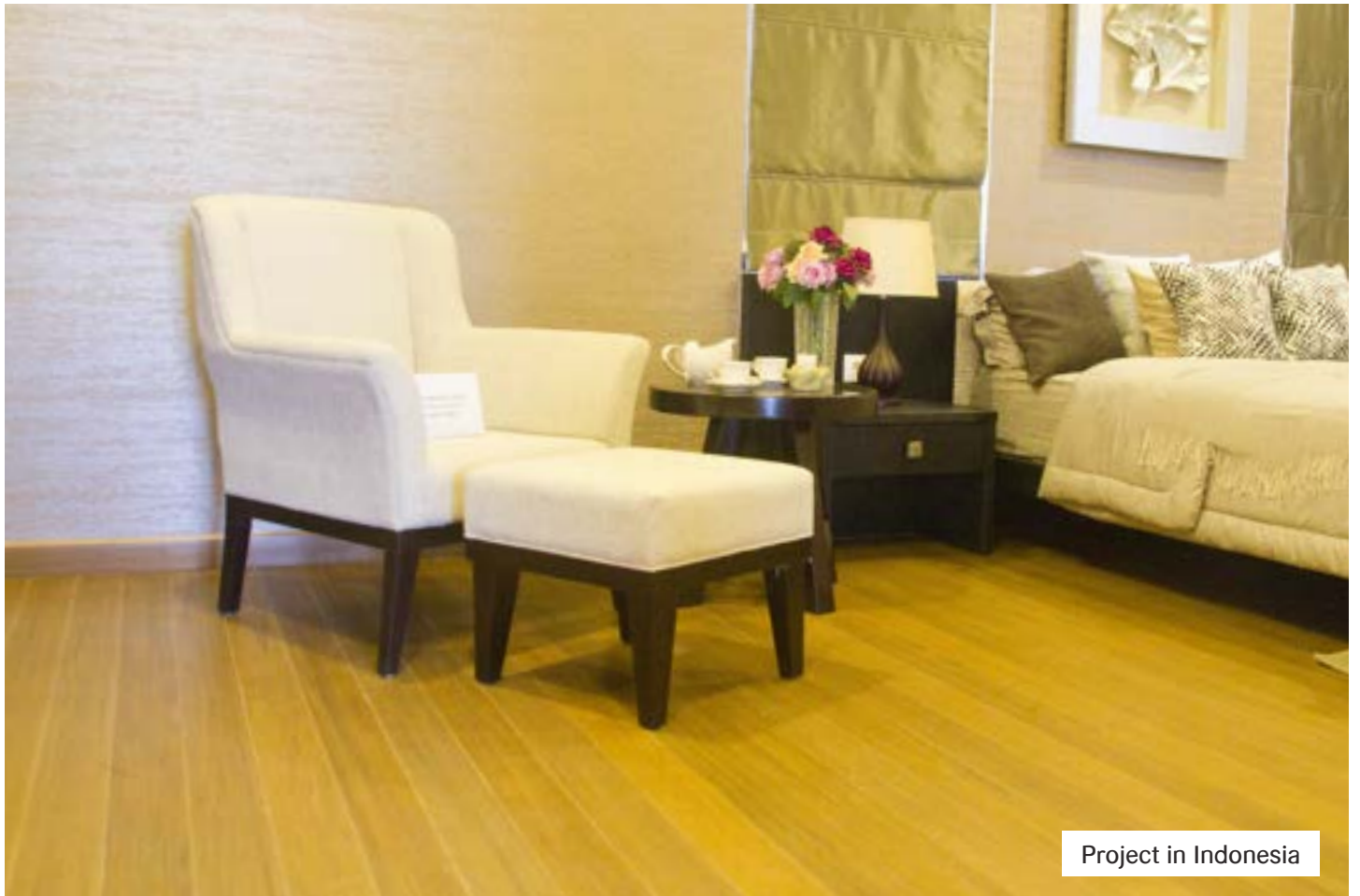
PROFILE
IFE03506
FLOORING END 35 x 6
W 35mm x H 6mm

PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
IF25008	250	8	5.85	PASS	PASS	PASS
IF20012	200	12	5.85	PASS	PASS	PASS
IF12512	125	12	5.85	PASS	PASS	PASS
IF12508	125	8	5.85	PASS	PASS	PASS
IF11312	113	12	5.85	PASS	PASS	PASS



Project in Indonesia



Project in Indonesia

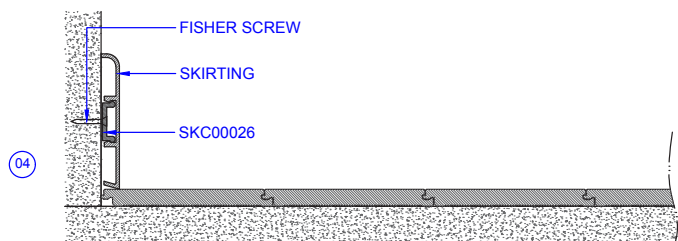
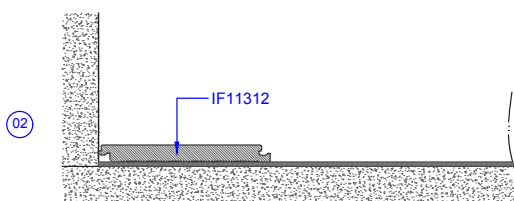
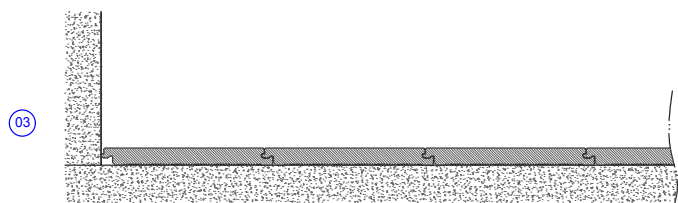
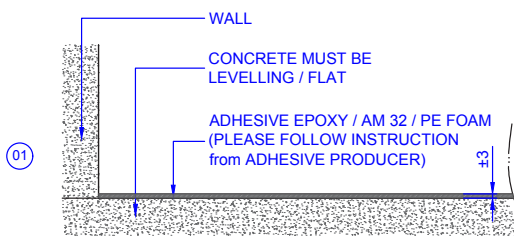


Project in Indonesia



Project in Philippines

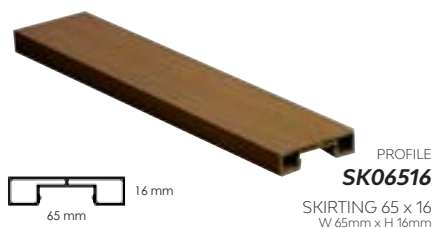
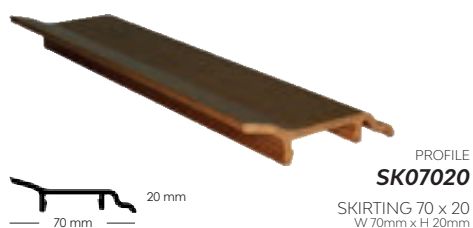
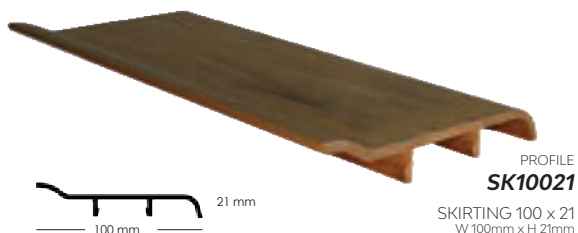
INSTALLATION GUIDE OF INDOOR FLOORING





SKIRTING

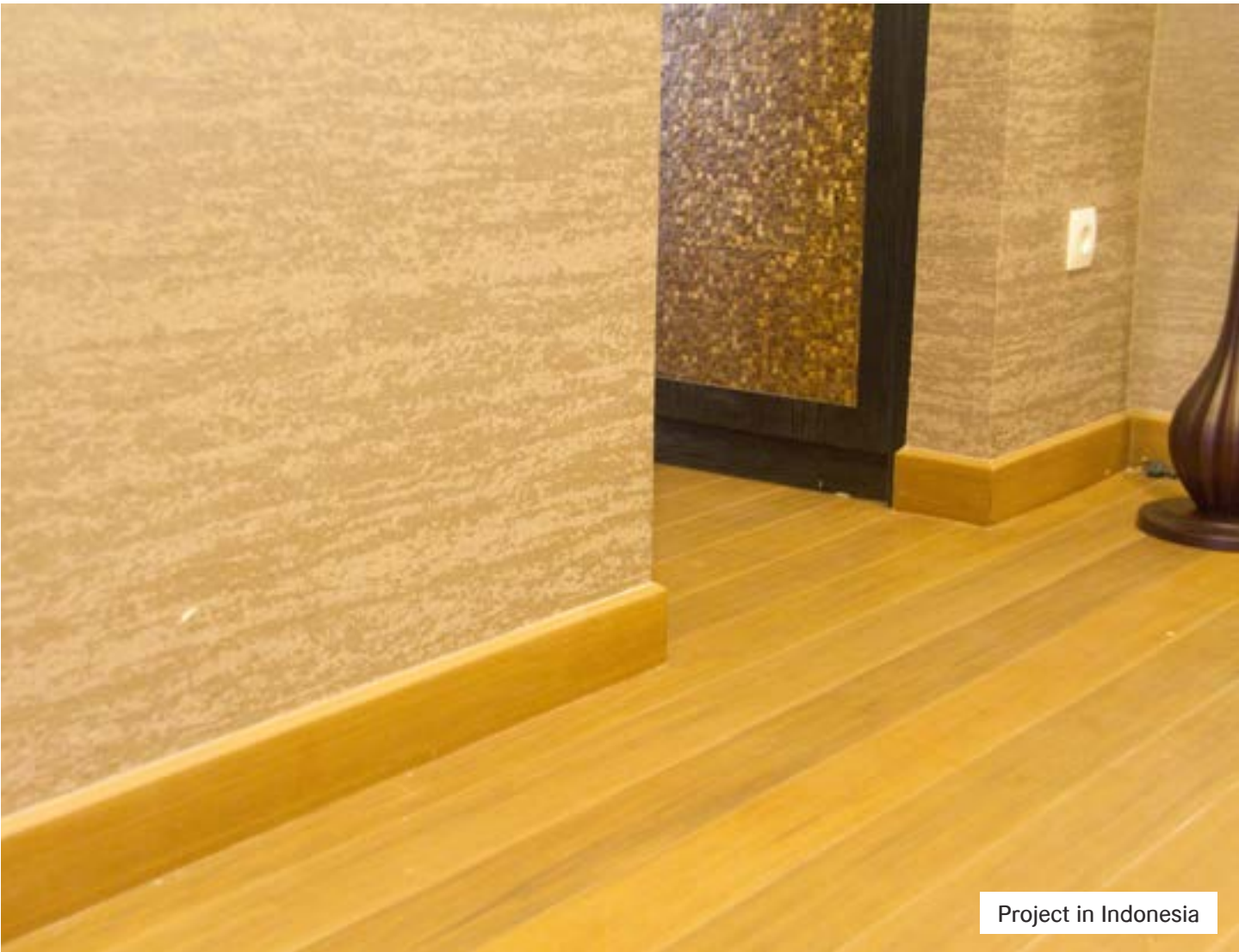
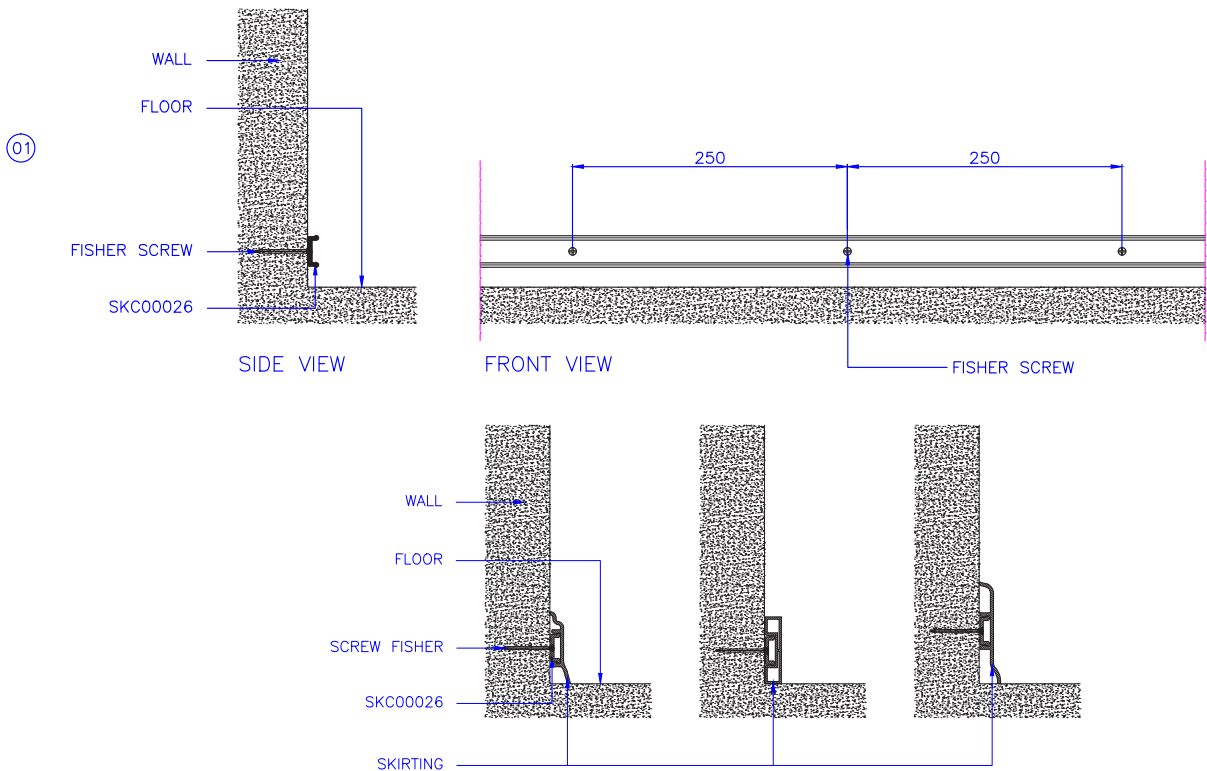
Our architectural fire retardant composite skirtings adds it final touches to add elegance for different application.



PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
SK10021	100	21	5.85	PASS	PASS	PASS
SK10020	100	20	5.85	PASS	PASS	PASS
SK09512R	95	12	5.85	PASS	PASS	PASS
SK07020	70	20	5.85	PASS	PASS	PASS

INSTALLATION GUIDE OF SKIRTING



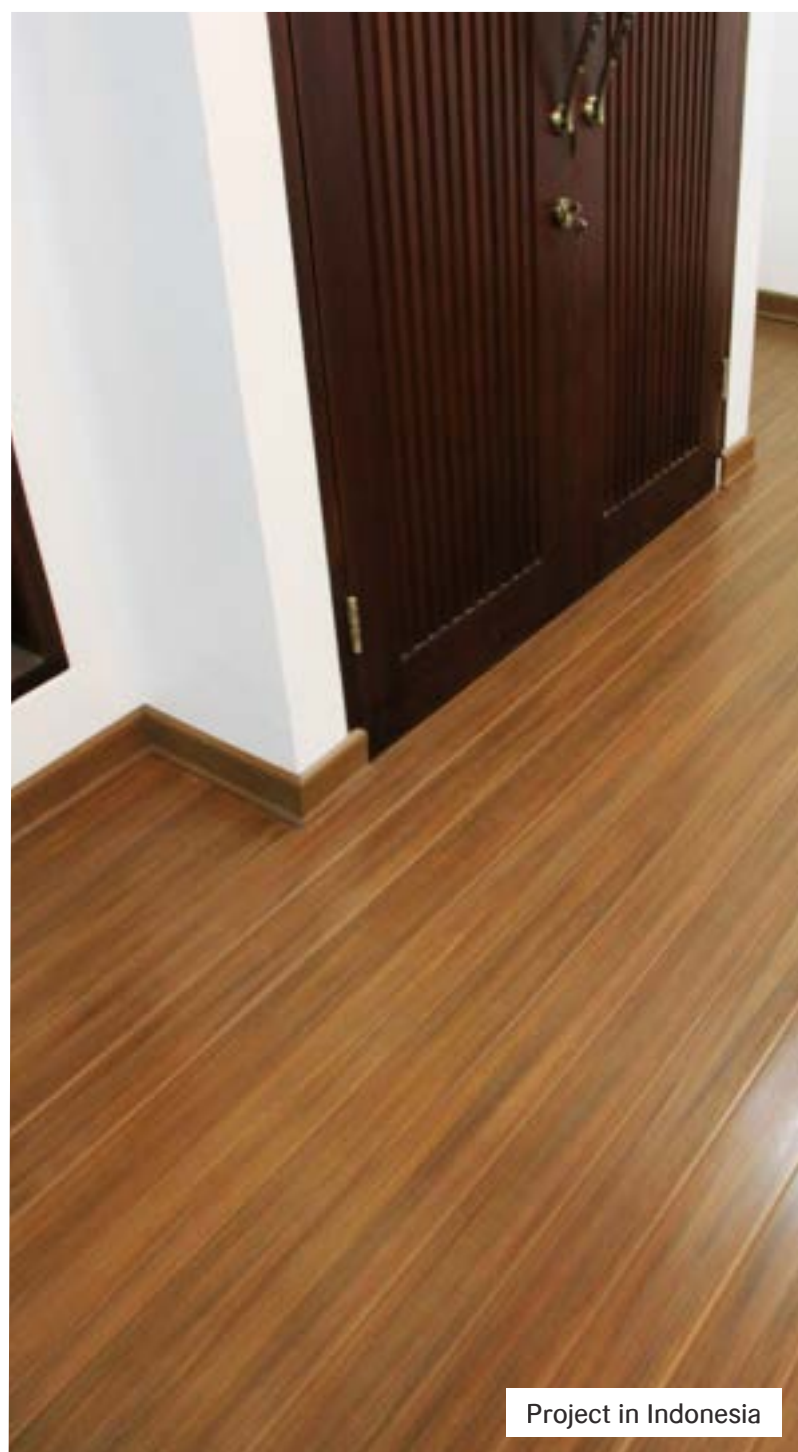
Project in Indonesia



Project in Indonesia



Project in Indonesia



Project in Indonesia



Project in Indonesia

LOUVER

Look no further if you are seeking a stylish, maintenance, easy to install solution to provide privacy and protect your outdoor area.

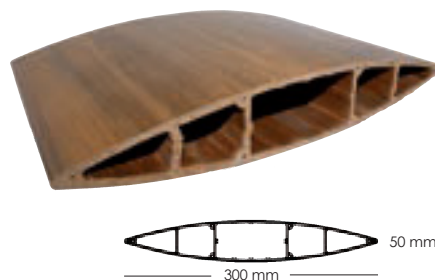


SAVE THE NATURAL TREE, USE THE FARM TREE

<https://biowood.my>



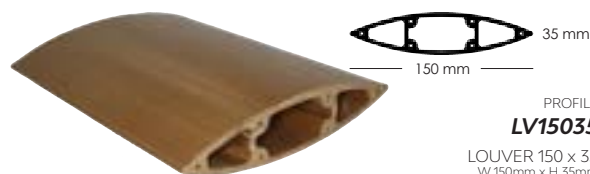
PROFILE
LV45060
LOUVER 450 x 60
W 450mm x H 60mm



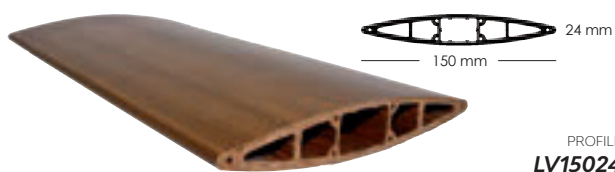
PROFILE
LV30050
LOUVER 300 x 50
W 300mm x H 50mm



PROFILE
LV20032
LOUVER 200 x 32
W 200mm x H 32mm



PROFILE
LV15035
LOUVER 150 x 35
W 150mm x H 35mm



PROFILE
LV15024
LOUVER 150 x 24
W 150mm x H 24mm



PROFILE
LV09019A
LOUVER 90 x 19A
W 90mm x H 19mm



PROFILE
LV09019B
LOUVER 90 x 19B
W 90mm x H 19mm



PROFILE
LF09530
LOUVER FRAME 95 x 30
W 95mm x H 30mm

PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
				BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B		
LV45060	450	60	5.85	PASS	PASS	PASS
LV30050	300	50	5.85	PASS	PASS	PASS
LV20032	200	32	5.85	PASS	PASS	PASS
LV15035	150	35	5.85	PASS	PASS	PASS
LV15024	150	24	5.85	PASS	PASS	PASS
LV09019A	90	19	5.85	PASS	PASS	PASS
LV09019B	90	19	5.85	PASS	PASS	PASS
LF09530	95	30	5.85	PASS	PASS	PASS



Project in Indonesia



Project in Indonesia





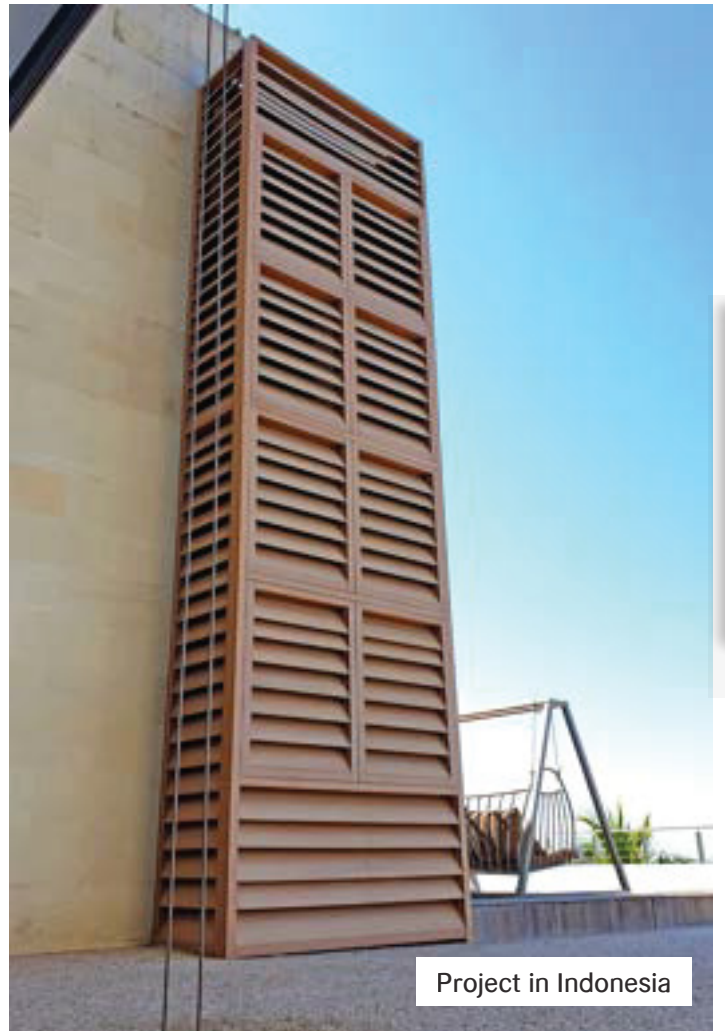
Project in Malaysia



Project in Malaysia

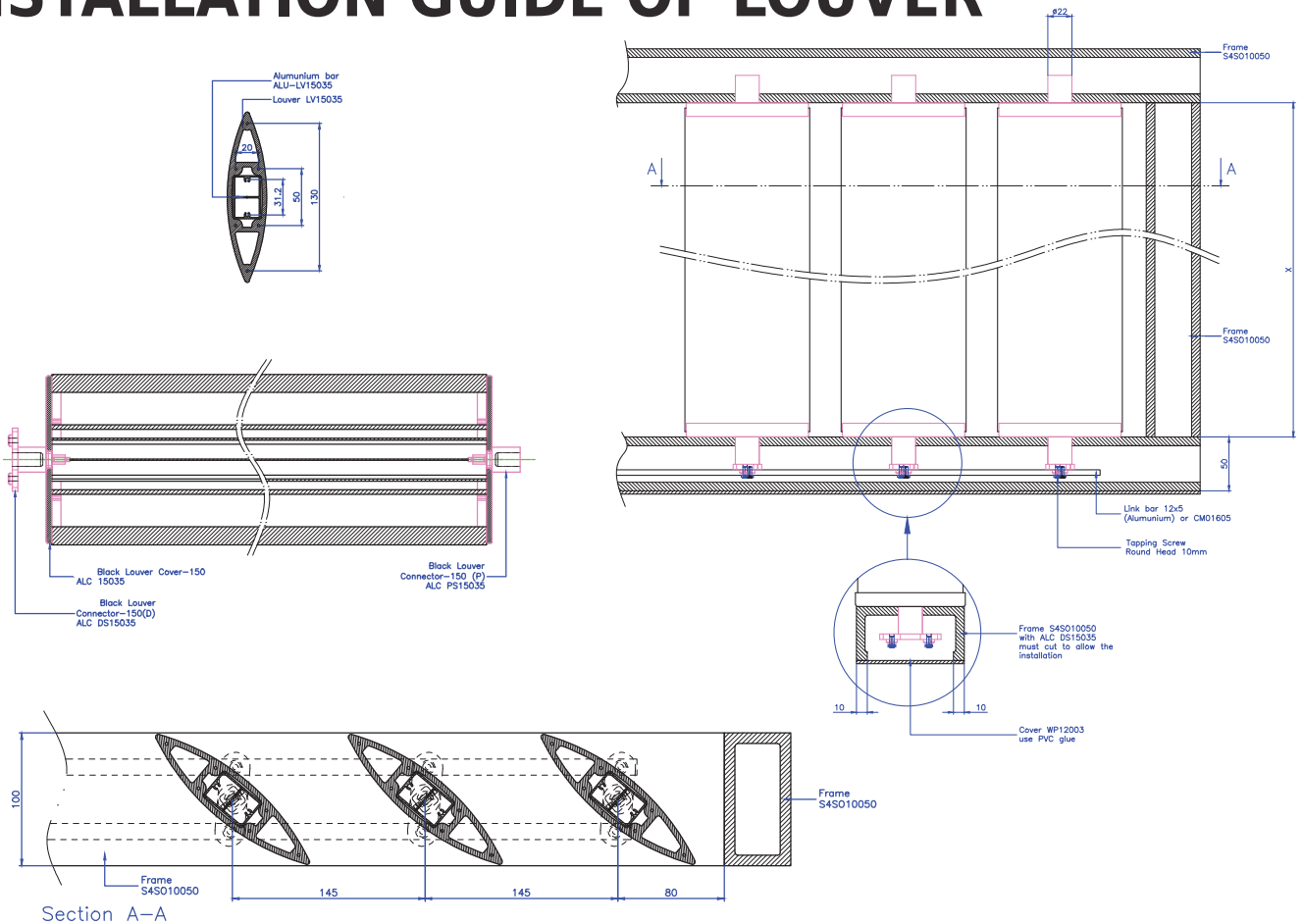


Project in Thailand



Project in Indonesia

INSTALLATION GUIDE OF LOUVER



PLASTIC COVER FOR LOUVER BLADES

FOR LV09019A & LV09019B



HANYO Black Louver Connector - 90 (P)
ALC PC9019



HANYO Black Louver Cover - 90 A
ALC 9019 A



HANYO Black Louver Cover - 90 B
ALC 9019 B

FOR LV15035



HANYO Black Louver Cover - 150
ALC 15035



HANYO Black Louver Connector - 150 (D)
ALC DS15035



HANYO Black Louver Connector - 150 (P)
ALC PS15035

FOR LV15024



HANYO Black Louver Cover - 15024 A
ALC 15024 A



HANYO Black Louver Cover - 15024 B
ALC 15024 B



HANYO Black Louver Connector - 15024 (D)
ALC DS15024



HANYO Black Louver Connector - 15024 (P)
ALC PS15024

FOR LV20032



HANYO Black Louver Cover - 20032 A
ALC 20032 A



HANYO Black Louver Connector - 20032 (P)
ALC PS20032



HANYO Black Louver Cover - 20032 B
ALC 20032 B



HANYO Black Louver Connector - 20032 (D)
ALC DS20032

FOR LV30050



HANYO Black Louver Connector - 300 (P)
ALC PS30050



HANYO Black Louver Connector - 300 (D)
ALC DS30050



HANYO Black Louver Cover - 300 A
ALC 30050 A



HANYO Black Louver Cover - 300 B
ALC 30050 B



Project in Vietnam



Project in Singapore



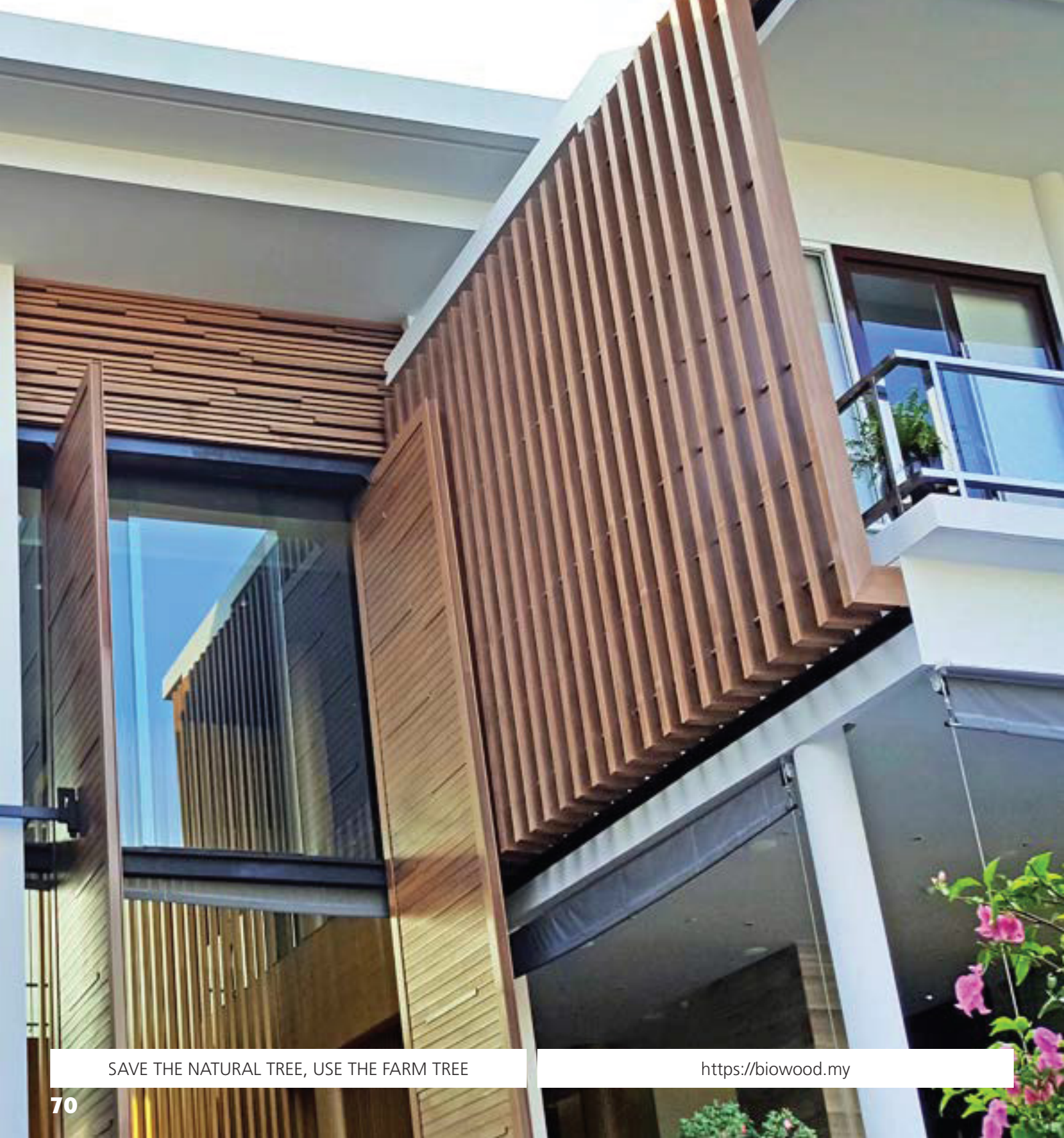
Project in Australia



Project in Vietnam

SIDE 4 SIDE

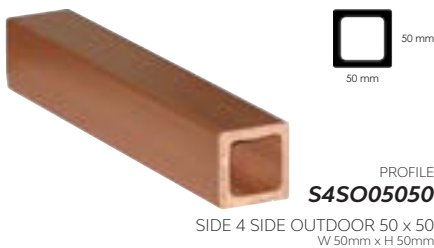
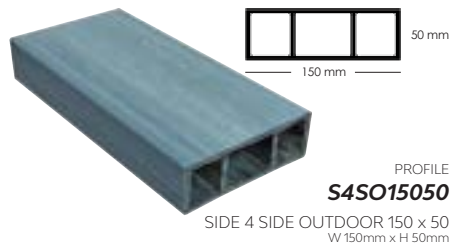
With our variety scantling sizes of S4S
Composite Wood, you can apply our
product to commercial facade application



SAVE THE NATURAL TREE, USE THE FARM TREE

<https://biowood.my>

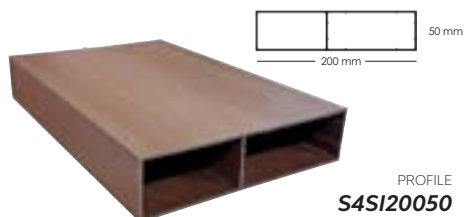
SIDE 4 SIDE OUTDOOR



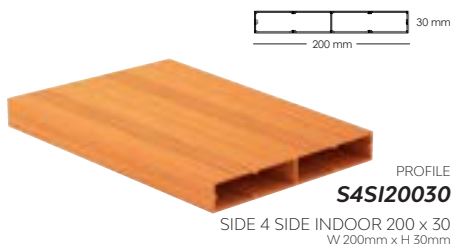
SIDE 4 SIDE



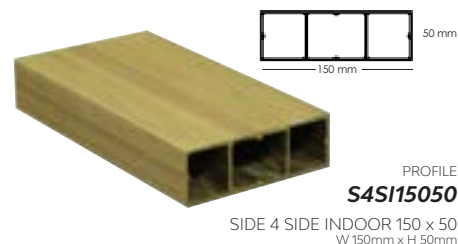
SIDE 4 SIDE INDOOR



PROFILE
S4SI20050
SIDE 4 SIDE INDOOR 200 x 50
W 200mm x H 50mm



PROFILE
S4SI20030
SIDE 4 SIDE INDOOR 200 x 30
W 200mm x H 30mm



PROFILE
S4SI15050
SIDE 4 SIDE INDOOR 150 x 50
W 150mm x H 50mm



PROFILE
S4SI15050A
SIDE 4 SIDE INDOOR 150 x 50A
W 150mm x H 50mm



PROFILE
S4SI15050B
SIDE 4 SIDE INDOOR 150 x 50B
W 150mm x H 50mm



PROFILE
S4SI15030
SIDE 4 SIDE INDOOR 150 x 30
W 150mm x H 30mm



PROFILE
S4SI12050
SIDE 4 SIDE INDOOR 120 x 50
W 120mm x H 50mm



PROFILE
S4SI100100
SIDE 4 SIDE INDOOR 100 x 100
W 100mm x H 100mm



PROFILE
S4SI10050
SIDE 4 SIDE INDOOR 100 x 50
W 100mm x H 50mm



PROFILE
S4SI10050A
SIDE 4 SIDE INDOOR 100 x 50
W 100mm x H 50mm



PROFILE
S4SI10035
SIDE 4 SIDE INDOOR 100 x 35
W 100mm x H 35mm



PROFILE
S4SI10025
SIDE 4 SIDE INDOOR 100 x 25
W 100mm x H 25mm



PROFILE
S4SI09090
SIDE 4 SIDE INDOOR 90 x 90
W 90mm x H 90mm



PROFILE
S4SI08050
SIDE 4 SIDE INDOOR 80 x 50
W 80mm x H 50mm



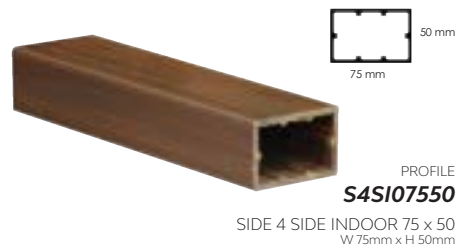
PROFILE
S4SI08040
SIDE 4 SIDE INDOOR 80 x 40
W 80mm x H 40mm



PROFILE
S4SI08020
SIDE 4 SIDE INDOOR 80 x 20
W 80mm x H 20mm



PROFILE
S4SI07575
SIDE 4 SIDE INDOOR 75 x 75
W 75mm x H 75mm



PROFILE
S4SI07550
SIDE 4 SIDE INDOOR 75 x 50
W 75mm x H 50mm



PROFILE
S4SI07530
SIDE 4 SIDE INDOOR 75 x 30
W 75mm x H 30mm



PROFILE
S4SI07530A
SIDE 4 SIDE INDOOR 75 x 30 A
W 75mm x H 30mm



PROFILE
S4SI05635
SIDE 4 SIDE INDOOR 56 x 35
W 56mm x H 35mm



Project in Thailand



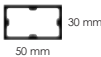
Project in Indonesia

SIDE 4 SIDE INDOOR



PROFILE
S4SI05050

SIDE 4 SIDE INDOOR 50 x 50
W 50mm x H 50mm



PROFILE
S4SI05030

SIDE 4 SIDE INDOOR 50 x 30
W 50mm x H 30mm



PROFILE
S4SI05025

SIDE 4 SIDE INDOOR 50 x 25
W 50mm x H 25mm



PROFILE
S4SI04232

SIDE 4 SIDE INDOOR 42 x 32
W 42mm x H 32mm



PROFILE
S4SI03030

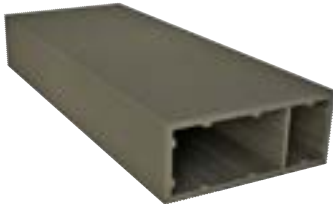
SIDE 4 SIDE INDOOR 30 x 30
W 30mm x H 30mm



PROFILE
S4SI02525

SIDE 4 SIDE INDOOR 25 x 25
W 25mm x H 25mm

WAVE 4 SIDE



PROFILE
W4S12050

WAVE 4 SIDE 120 x 50
W 120mm x H 50mm

SIDE 4 SIDE

PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
S4SO15050A	150	50	5.85	PASS	PASS	PASS
S4SO10050	100	50	5.85	PASS	PASS	PASS
S4SI10050A	100	50	5.85	PASS	PASS	PASS
S4SI08050	80	50	5.85	PASS	PASS	PASS
S4SI05025	50	25	5.85	PASS	PASS	PASS
W4S20050	200	50	5.85	PASS	PASS	PASS
W4S12050	120	50	5.85	PASS	PASS	PASS

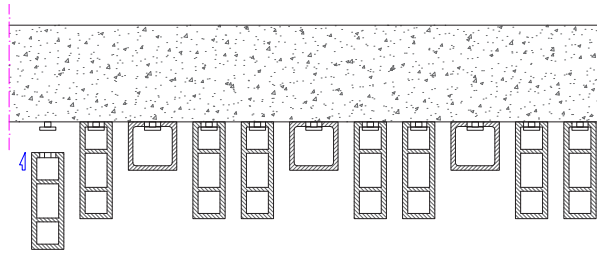
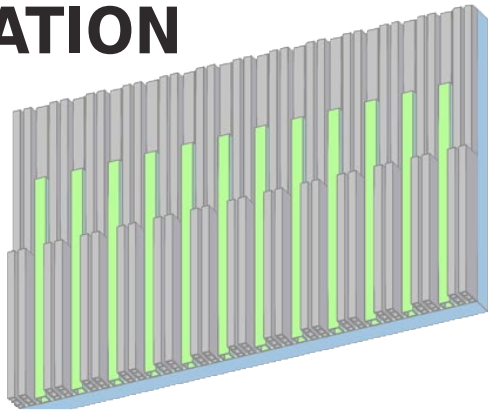


Project in Indonesia



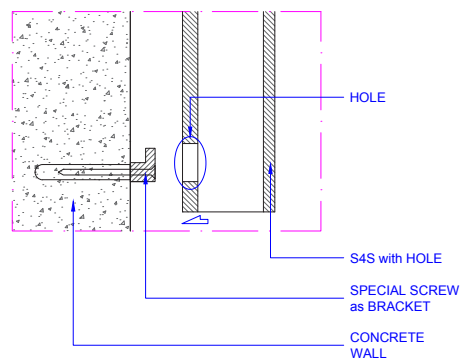
Project in Indonesia

INSTALLATION GUIDE OF SIDE 4 SIDE

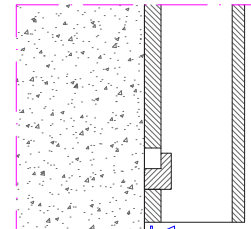


TOP VIEW

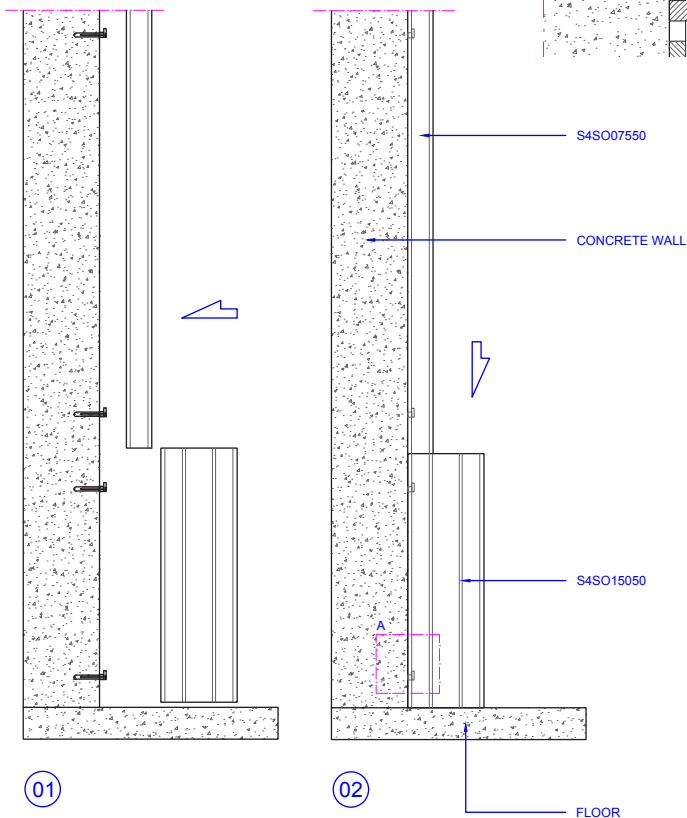
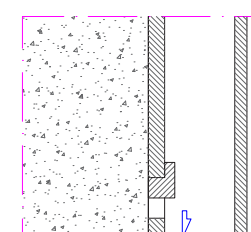
DETAIL A 01



02



03

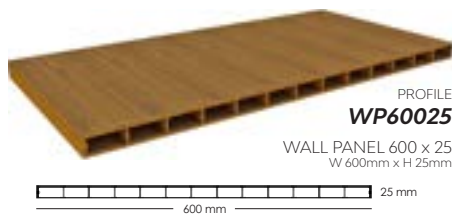


SIDE 4 SIDE

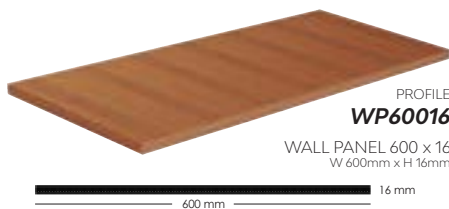
Project in Thailand

WALL PANEL

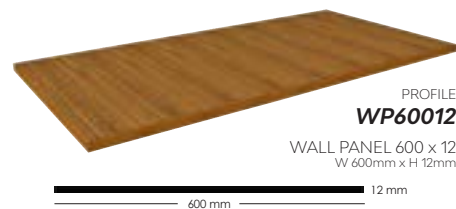
With its low maintenance, sleek appearance, easy installation design, our wall panel are the ultimate addition to your building to stylise and protect it.



PROFILE
WP60025
WALL PANEL 600 x 25
W 600mm x H 25mm



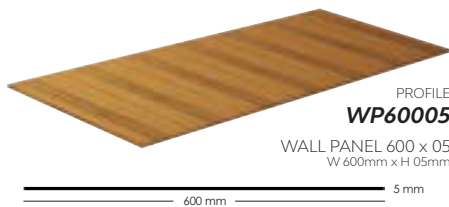
PROFILE
WP60016
WALL PANEL 600 x 16
W 600mm x H 16mm



PROFILE
WP60012
WALL PANEL 600 x 12
W 600mm x H 12mm



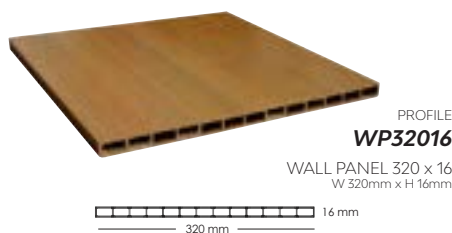
PROFILE
WP60008
WALL PANEL 600 x 08
W 600mm x H 08mm



PROFILE
WP60005
WALL PANEL 600 x 05
W 600mm x H 05mm



PROFILE
WP40010
WALL PANEL 400 x 10
W 400mm x H 10mm



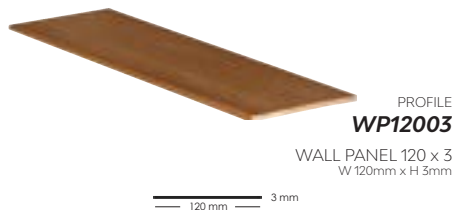
PROFILE
WP32016
WALL PANEL 320 x 16
W 320mm x H 16mm



PROFILE
WP16016
WALL PANEL 160 x 16
W 160mm x H 16mm



PROFILE
WPH16016
WALL PANEL HOLLOW 160 x 16
W 160mm x H 16mm



PROFILE
WP12003
WALL PANEL 120 x 3
W 120mm x H 3mm



PROFILE
WP10204
WALL PANEL 102 x 4
W 102mm x H 4mm



PROFILE
WP10008
WALL PANEL 100 x 8
W 100mm x H 8mm



PROFILE
WP09016
WALL PANEL 90 x 16
W 90mm x H 16mm



PROFILE
WP09012
WALL PANEL 90 x 12
W 90mm x H 12mm



PROFILE
WP07405
WALL PANEL 74 x 5
W 74mm x H 5mm



PROFILE
WP06516
WALL PANEL 65 x 16
W 65mm x H 16mm



PROFILE
WP05016
WALL PANEL 50 x 16
W 50mm x H 16mm



PROFILE
WP05012
WALL PANEL 50 x 12
W 50mm x H 12mm



PROFILE
WP05010
WALL PANEL 50 x 10
W 50mm x H 10mm



PROFILE
WP03508
WALL PANEL 35 x 8
W 35mm x H 8mm



PROFILE
WP03016
WALL PANEL 30 x 16
W 30mm x H 16mm



Project in Indonesia

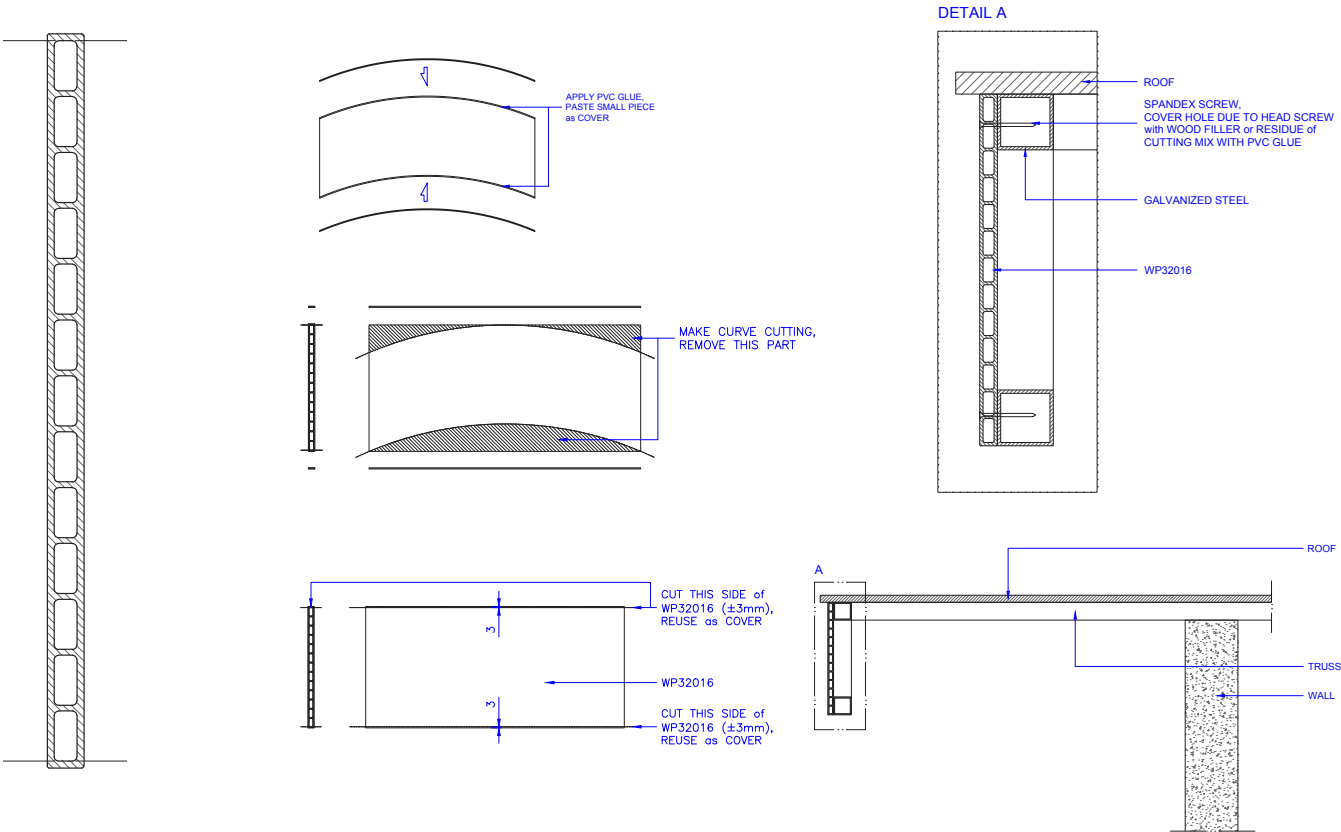


Project in Australia

PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
				BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B		
WP60025	600	25	5.85	PASS	PASS	PASS
WP60016	600	16	5.85	PASS	PASS	PASS
WP60008	600	8	5.85	PASS	PASS	PASS
WP40010	400	10	5.85	PASS	PASS	PASS
WP32016	320	16	5.85	PASS	PASS	PASS
WP16016	160	16	5.85	PASS	PASS	PASS
WP12003	120	3	5.85	PASS	PASS	PASS
WP10005	100	5	5.85	PASS	PASS	PASS
WP06516	65	16	5.85	PASS	PASS	PASS

INSTALLATION GUIDE WALL PANEL





Project in Indonesia



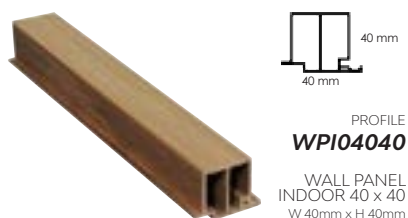
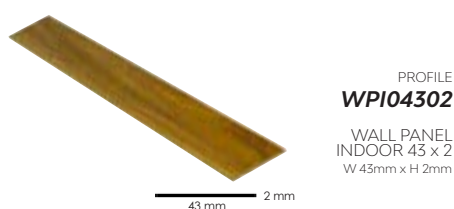
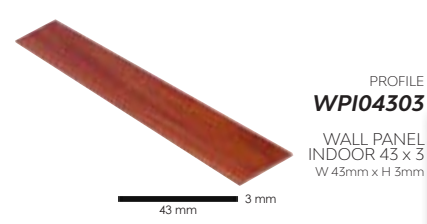
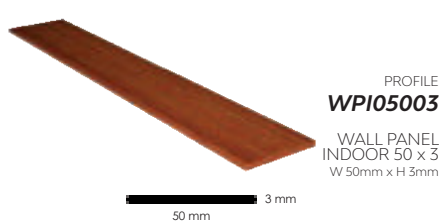
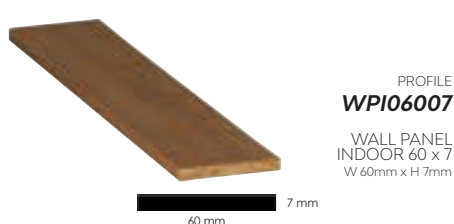
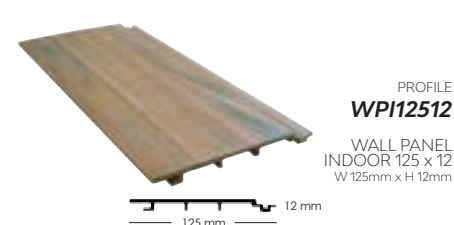
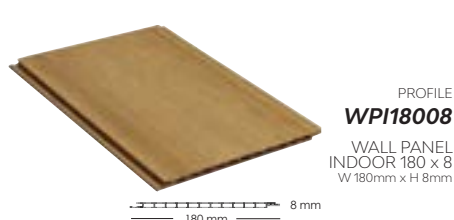
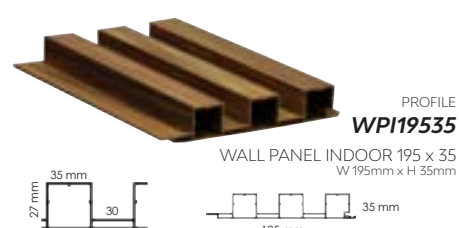
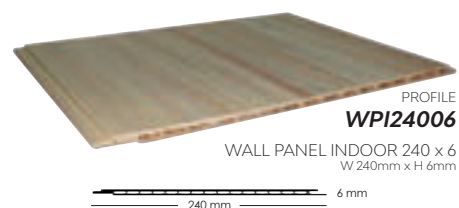
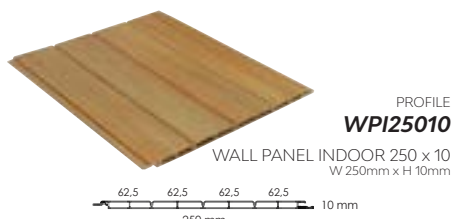
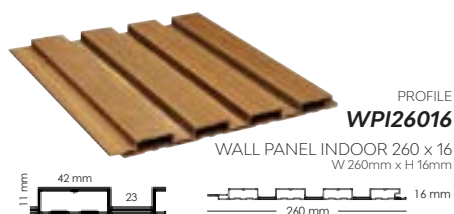
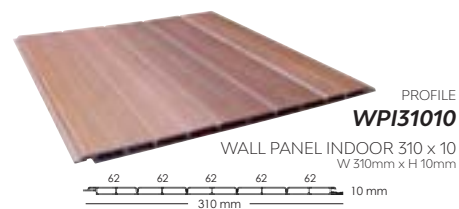
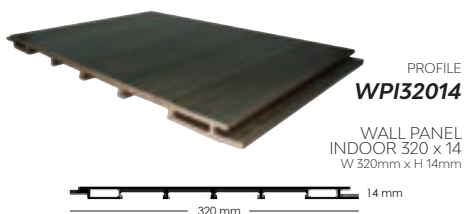
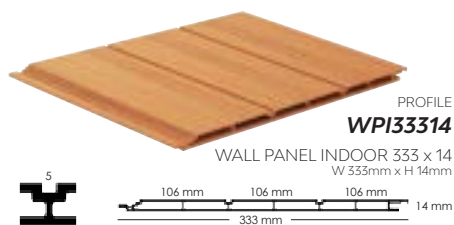
Project in Thailand



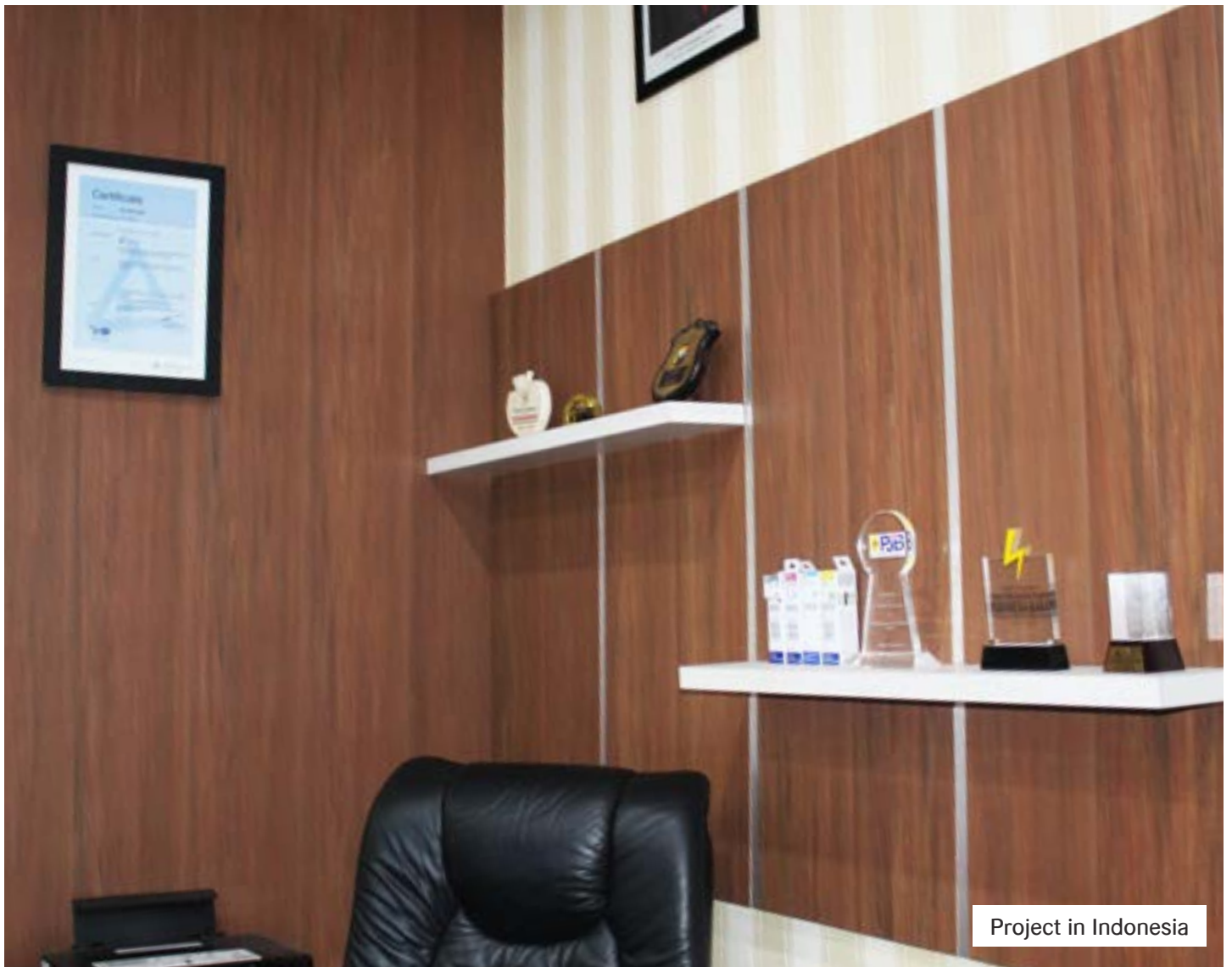


With its natural timber look, an alternative application for residential or commercial that bring adding value to your investment. With its easy installation, painting or varnishing is not required for internal application for ceiling or internal panelling.

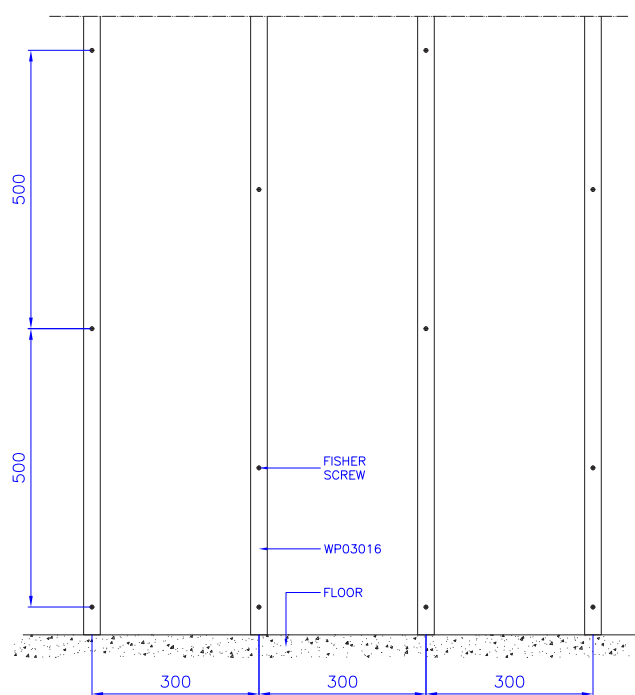
WALL PANEL INDOOR



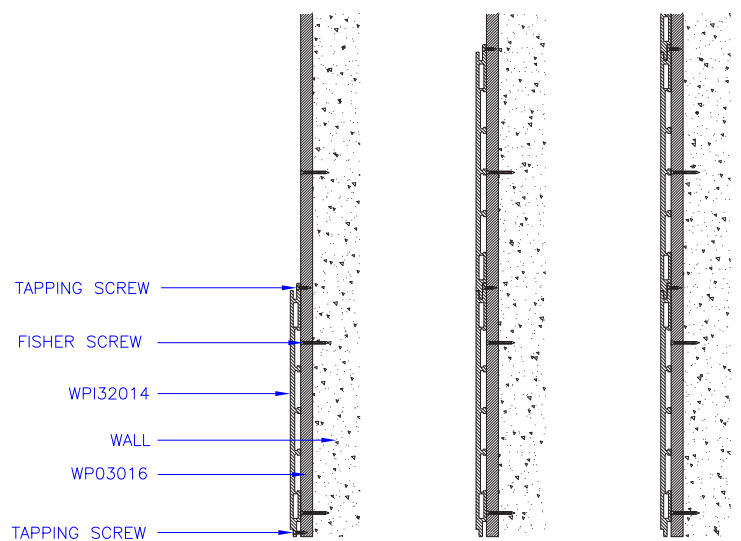




INSTALLATION GUIDE OF WALL PANEL INDOOR

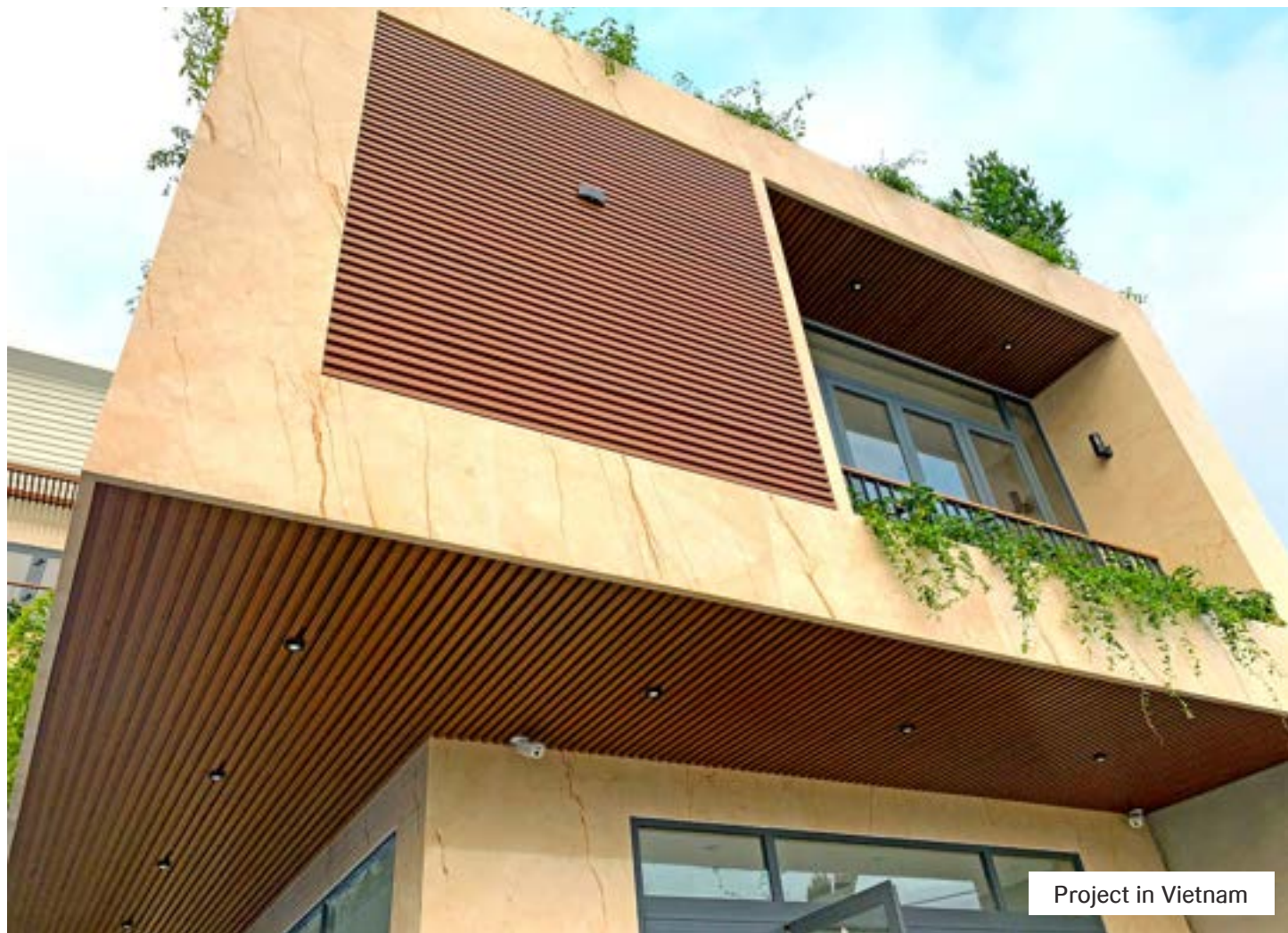


FRONT VIEW



SIDE VIEW





PRODUCT SPECIFICATION

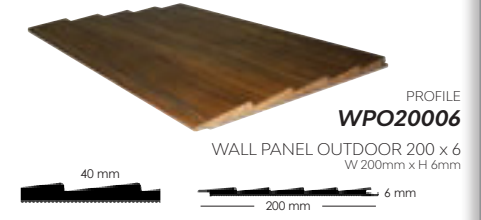
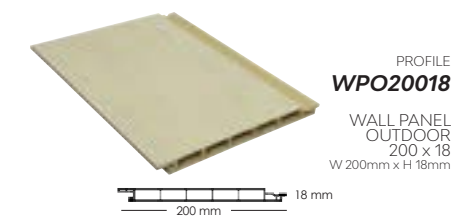
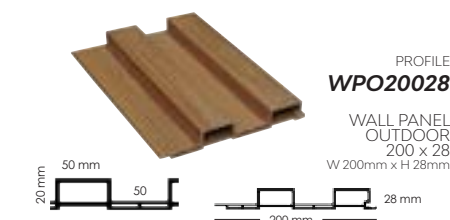
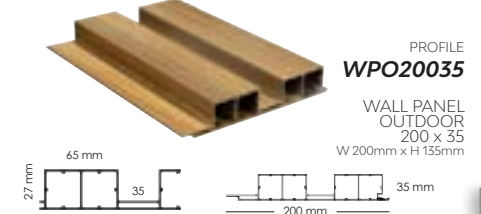
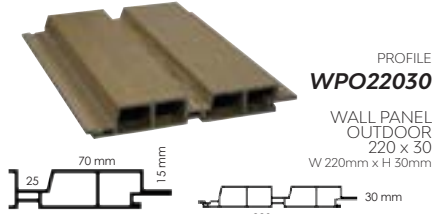
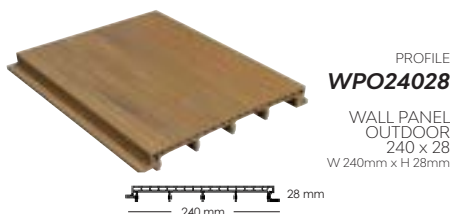
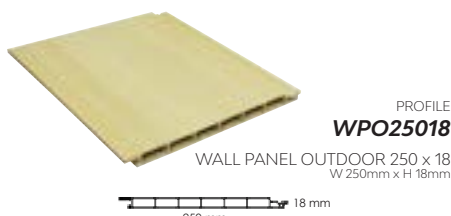
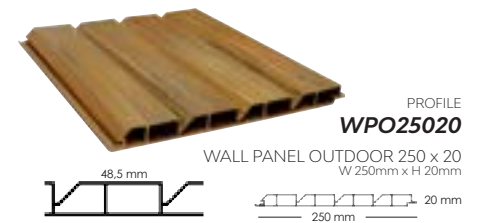
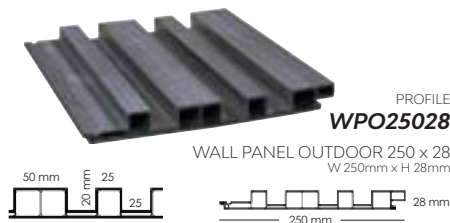
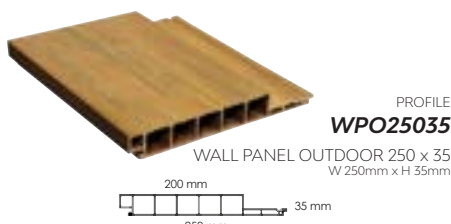
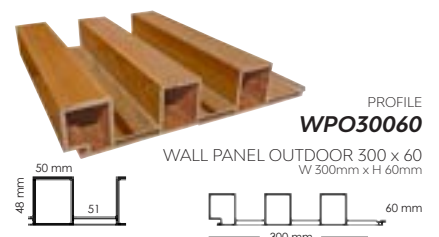
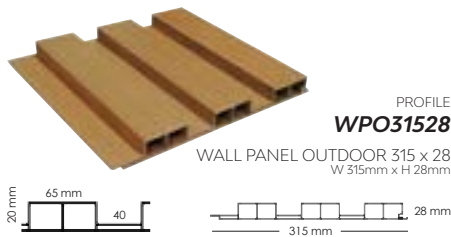
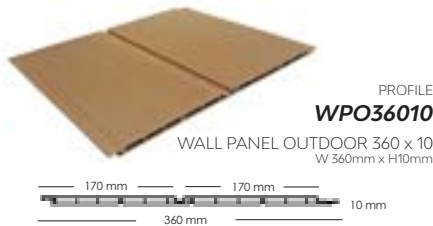
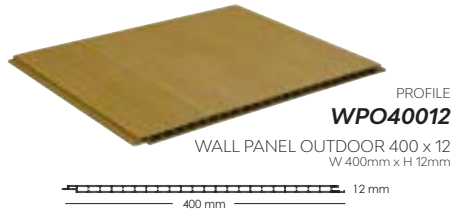
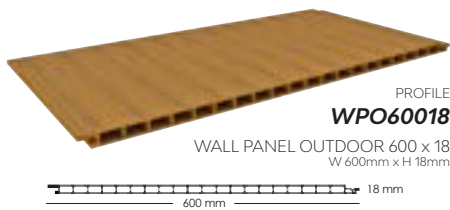
CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
WPI33314	333	14	5.85	PASS	PASS	PASS
WPI32014	320	14	5.85	PASS	PASS	PASS
WPI31010	310	10	5.85	PASS	PASS	PASS
WPI26016	260	16	5.85	PASS	PASS	PASS
WPI25010	250	10	5.85	PASS	PASS	PASS
WPI24006	240	6	5.85	PASS	PASS	PASS
WPI23009	230	9	5.85	PASS	PASS	PASS
WPI19816	198	16	5.85	PASS	PASS	PASS
WPI19535	195	35	5.85	PASS	PASS	PASS

WALL PANEL OUTDOOR

Protect your home or building against the elements of nature with style. Simply a touch of elegance which brings warmth and architectural design to your home.

SAVE THE NATURAL TREE, USE THE FARM TREE

<https://biowood.my>







PRODUCT SPECIFICATION

CODE	WIDTH mm	HEIGHT mm	LENGTH METER	FIRE GRADE BRITISH STANDARD 476 : PART 6 : 1989 CLASS 2 BRITISH STANDARD 476 : PART 7 : 1997 CLASS 2 ASTM E84 : 2009C CLASS B	FORMALDEHYDE ENV 717-1:2004	TERMITE ASTM D3345-08
WPO60018	600	18	5.85	PASS	PASS	PASS
WPO31528	315	28	5.85	PASS	PASS	PASS
WPO30060	300	60	5.85	PASS	PASS	PASS
WPO25028	250	28	5.85	PASS	PASS	PASS
WPO22030	220	30	5.85	PASS	PASS	PASS
WPO20856	208	56	5.85	PASS	PASS	PASS

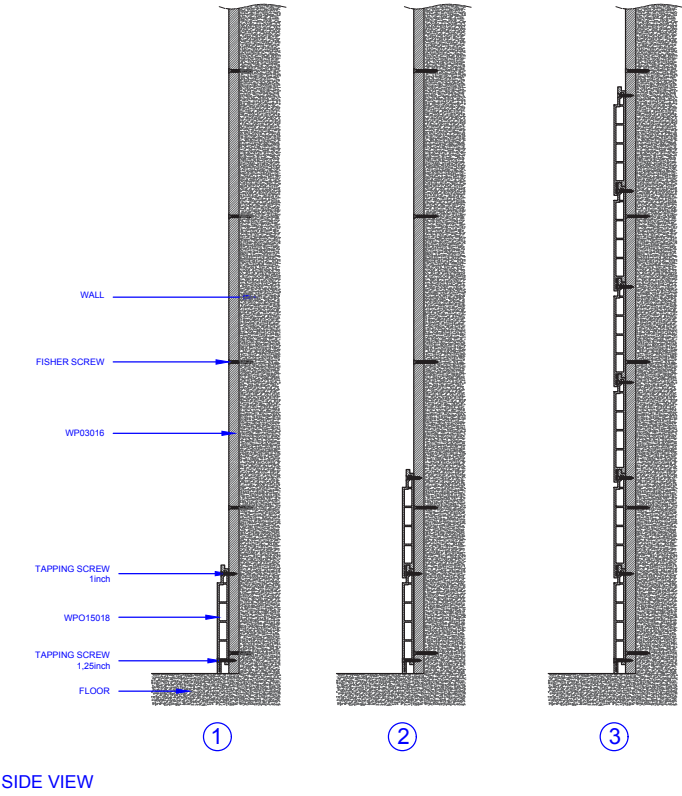
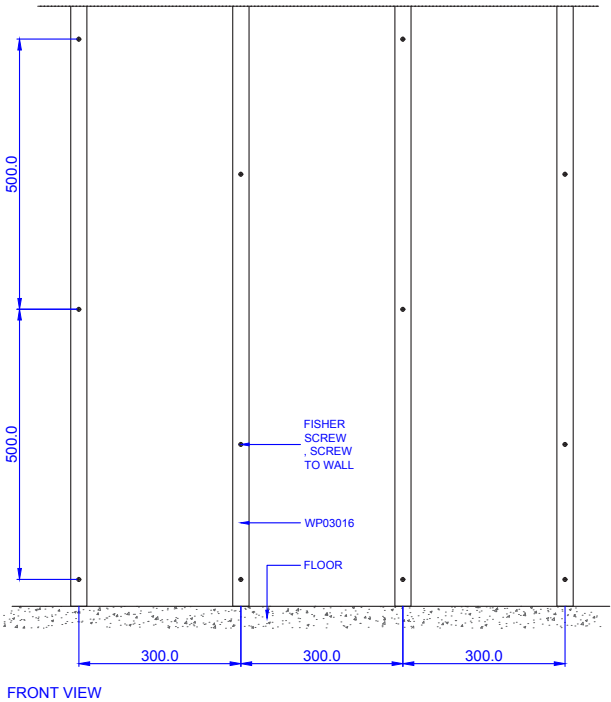


Project in Australia





INSTALLATION GUIDE OF WALL PANEL OUTDOOR





Project in Australia



Project in Australia





Project in Thailand



Project in Australia



Project in Indonesia



Project in Australia

SPECIFICATION OF HANYO BIOWOOD

PROPERTIES	STANDARD	RESULTS
Density	ASTM D2395 : 2014	1178 kg/m ³
Izod Impact Strength (With Notched)	ASTM D256 : 2010e1	14.2 J/m
Shore D Hardness	ASTM D2240 : 2015	68
Water Absorption	ASTM D1037 : 2012 Section 23 Method A	A) After 2 hours 0.08 %
		B) After 24 hours 0.47 %
Moisture Content	ASTM D1037-06a Section 6	0.27 %
Flexural Properties	ASTM D6109 : 2013	A) Flexural Strength 23.6 N/mm ²
		B) Flexural Modulus 2251 N/mm ²
Tensile Properties	ASTM D1037 : 2012	A) Maximum Tensile Strength 6.1 MPa
		B) Tensile Modulus 1110 MPa
		C) Elongation at Break 1.2 %
Compressive Properties	ASTM D695 : 2015	24.6 N/mm ²
Coefficient of Thermal Expansion	ASTM E831 : 2014	A) α_1 (40 to 70 °C) 23.6 $\mu\text{m}/\text{m}^\circ\text{C}$
		B) α_2 (95 to 105 °C) 81.4 $\mu\text{m}/\text{m}^\circ\text{C}$
Linear Coefficient of Thermal Expansion	ASTM D6341 : 2016	27.7 $\mu\text{m}/\text{m}^\circ\text{C}$
Vicat Softening Temperature	ASTM D1525	A) At 1 kg Weight 84°C
		B) At 5 kg Weight 69°C
Screw Withdrawal	ASTM D6117 : 2016	A) Vertical Withdrawal 2490 N
		B) Horizontal Withdrawal 1634 N
Nail Pull Resistance	ASTM D1037 : 2006 Section 14	276 N
Nail Withdrawal	ASTM D6117 : 2016	A) Vertical Withdrawal 446 N
		B) Horizontal Withdrawal 349 N
Impact Resistance	ASTM D4495-00 : 2005	47 J
7 Days Emission Test	ASTM D5116 : 10,	
	a) Total Volatile Organic Compounds (TVOC)	1. Emission Rate 0.14 mg/m ³ (Pass)
		2. Concentration 0.07 mg (Pass)
	b) Formaldehyde Emission	1. Emission Rate <0.01 mg/m ² /h (Pass)
		2. Concentration <0.01 mg/m ³ (Pass)
	c) 4-Phenylcyclohexene	<0.002 mg/m ² /h(Pass)
	d) Total Phthalates	<0.005 mg/m ³ (Pass)
Analysis Halogenated Solvent & Aromatic Solvent	HS-GC-MSD	Not Detected
Analysis Heavy Metal	ICP-AES,	
	1. Mercury, HG	Not Detected
	2. Lead, PB	Not Detected
	3. Cadmium, Cd	Not Detected
	4. Chromium, CR ⁶	Not Detected
Analysis of Hexavalent Chromium	UV-Vis Spectrometer	Not Detected
Analysis of Tin (Including Organic Tin Catalyst or Stabilizers)	ICP-AES & GC-MSD	Not Detected
Analysis of Organotin	GC-MSD	Not Detected
Analysis of Pentachlorophenol (PCP)	GC-MSD or HPLC	Not Detected
Analysis of Tar Oils	GC-MSD or HPLC	Not Detected
Analysis of Aniline Based Amines	GC-MSD or HPLC	Not Detected

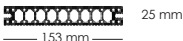
SPECIFICATION OF HANYO BIOWOOD

PROPERTIES	STANDARD	RESULTS
Analysis of Aziridine or Polyaziridines	GC-MSD or HPLC	Not Detected
Analysis of Phthalates	GC-MSD or HPLC,	
	1. Extractable Bis (2-Ethylhexyl) Phthalate, DEHP	Not Detected
	2. Extractable Dibutyl Phthalate, DBP	Not Detected
	3. Extractable Diallyl Phthalate, DAP	Not Detected
	4. Extractable Butyl Benzyl Phthalate, BBP	Not Detected
Analysis of Flame Retardant	GC-MSD or HPLC,	
	1. Polybrominated Diphenyl Ethers (Mono-Deca)	Not Detected
	2. Extractable Monobromo Diphenyl Ethers	Not Detected
	3. Extractable Dibromo Diphenyl Ethers	Not Detected
	4. Extractable Tribromo Diphenyl Ethers	Not Detected
	5. Extractable Tetrabromo Diphenyl Ethers	Not Detected
	6. Extractable Pentabromo Diphenyl Ethers	Not Detected
	7. Extractable Hexabromo Diphenyl Ethers	Not Detected
	8. Extractable Heptabromo Diphenyl Ethers	Not Detected
	9. Extractable Octabromo Diphenyl Ethers	Not Detected
	10. Extractable Nonabromo Diphenyl Ethers	Not Detected
	11. Extractable Decabromo Diphenyl Ethers	Not Detected
	12. Short-chained Chlorinated Organic Flame Retardants	Not Detected
Analysis of Formaldehyde	UV-Vis Spectrometer	Not Detected
Formaldehyde	ENV 717-1 : 2004	Pass
Asbestos	NIOSH 9002 - Asbestos (bulk)	Not Detected
Fungi Test	ASTM G21 : 15 (28 Days)	0 (No Growth)
Subterranean Termite	ASTM D3345-08	Pass
Fire Test	1. ASTM D 635-14	HB
	2. ASTM E 84 : 2009c	Class B
	3. BS 476 : Part 6 : 1989 + A1 : 2009	Class 2
	4. BS 476 : Part 7 : 1997	Class 2
	5. AS 3959 : 2009	Pass / BAL-29
	6. AS 3837 : 1998	Group 3
	7. AS 1530.3 : 1999	a. Ignitability : 13/20
		b. Spread of Flame : 0/10
		c. Heat Evolved : 1/10
		d. Smoke Developed : 7/10

All test are either done by TUV - PSB Singapore, Sucofindo - Indonesia, SGS - Singapore, SGS - China, Sirim Malaysia or CSIRO Australia. Contact our sales representative for more detailed test reports.



PROFILE
BB15325
HANYO
DECKING SOLID 153 x 25
W 153mm x H 25mm




PROFILE
BBS15025
HANYO
DECKING SOLID 150 x 25
W 150mm x H 25mm




PROFILE
BB14025
HANYO
DECKING 140 x 25
W 140mm x H 25mm




PROFILE
BBS14025
HANYO
DECKING SOLID 140 x 25
W 140mm x H 25mm



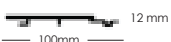

PROFILE
BB10025
HANYO
DECKING 100 x 25
W 100mm x H 25mm




PROFILE
BBS10025
HANYO
DECKING SOLID 100 x 25
W 100mm x H 25mm




PROFILE
CLBB10012
HANYO
CEILING 100 x 12
W 100mm x H 12mm



HANYO BIOWOOD profile is available in many surface finish appearance and 1 single colour as following :

01 American Walnut

02 Brazilian Teak

03 Smoke Maple

04 Yellow Birch

Note :

For HANYO finishing only :

- sanding
- sanding linish
- linish
- sanding emboss
- emboss

Picture please refer to page 3 & page 4 or ask for sample.

PLASTIC DECKING CLIP FOR HANYO DECKING



PROFILE

ADC 25 - 28/5

DECKING CLIP 25 - 28/5
25 mm - 28 mm / 5 mm



PROFILE

BBS15025



PROFILE

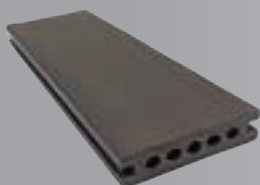
ADC 25 - 28/3

DECKING CLIP 25 - 28/3
25 mm - 28 mm / 3 mm



PROFILE

BB14025



PROFILE

BB10025



PROFILE

BBS10025



PROFILE

BBS14025



PROFILE

ADC 20/3

DECKING CLIP 20 - 3
20 mm / 3 mm



PROFILE

BB15325



CONTACT US

Malaysia
HANYO Industrial Sdn Bhd
 NO. 31, JALAN BA /11,
 KAWASAN PERINDUSTRIAN BUKIT ANGKAT,
 43000, SG CHUA, KAJANG, SELANGOR

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 w: <https://biowood.my>

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