

A perfect decoration in natural wood style

Conwood product range

Holcim (Singapore) Limited



Conwood: An eco-friendly wood replacement product

Inspired from the idea of sustainable construction, Conwood is an eco-friendly wood replacement product that enables people to have better quality of living while maintaining harmony with the environment.

Crafted with the highest quality cellulose fibre and portland cement, Conwood combines the positive properties of concrete and wood to make the ideal wood replacement. It is highly durable, termite-free, incombustible, yet retains the beauty and feel of natural wood looks.

Conwood can be used for wood for home and commercial projects, suitable for indoor or outdoor with various applications such as eaves, ceilings, walls, flooring, fencing, as well as decorative functions.



Natural wood beauty



Durable



Termite-free



High workability



Eco-friendly



Non-combustible



Safe



Weatherproof

Inspiration for green planet

Green product



As a wood replacement product, Conwood reduces the demand of natural wood which will eventually reduce deforestation.

Green technology



The manufacturing process of Conwood uses innovative and eco-friendly Swiss technology with non-toxic and non-hazardous substance.

Green building



Conwood is certified with Green Label in Singapore and it facilitates the assessment for green building certification.

- ① Conwood Eave
- ② Conwood Decorative Panel
- ③ Conwood Sunshade
- ④ Conwood Lap Siding BG
- ⑤ Conwood Lap Siding Series

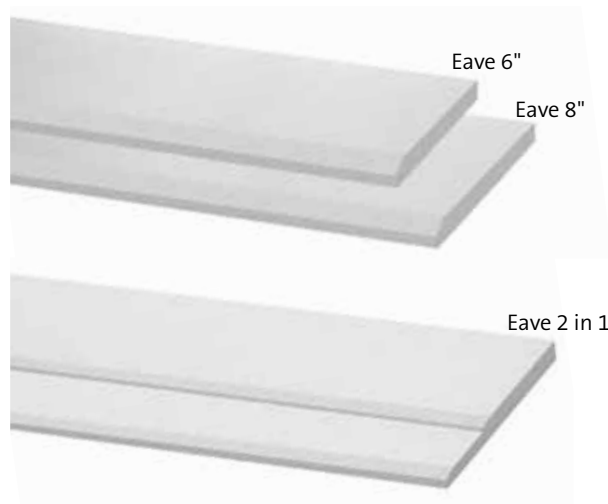
- ⑥ Conwood Lath
- ⑦ Conwood Siding
- ⑧ Conwood Fence
- ⑨ Conwood Board
- ⑩ Conwood Plank 2"

- ⑪ Conwood Plank 1"
- ⑫ Conwood Decorative Stair
- ⑬ Conwood Decorative Panel V-Groove
- ⑭ Conwood Mould
- ⑮ Conwood Deck 12"
- ⑯ Conwood Decorative Deck



Conwood Eave

Resembling teak wood in appearance, Conwood Eave gives a natural look for your rooftop, and with its high durability and termite-free features, your concerns faced with natural wood is put at ease.

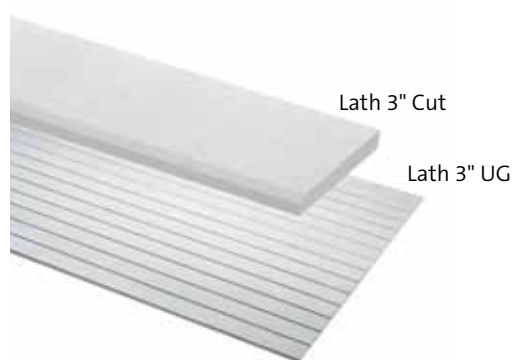


Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Eave 6"	Natural	1.6	15	305	9.0
Eave 8"	Natural	1.6	20	305	12.06
Eave 2 in 1	Natural	2.2	23.5	305	17.56



Conwood Lath

Decorate your ceiling easily with Conwood Lath. Conwood Lath comes in straight or stud style, and it is suitable for both interior and exterior design work.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Lath 3" Cut	Natural	1.1	7.5	305	3.45
Lath 4" Cut	Natural	1.1	10	305	4.60
Lath 3" UG	Natural	0.8	60	120	7.28





Conwood Ceiling Border

Give your home a great look from above with Conwood Ceiling Border. This long-lasting plank is perfect for covering up all joints in walls and ceilings seamlessly without exposing any gaps.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Ceiling Boarder	Natural	1.1	5	305	2.30



Conwood Siding

Conwood Siding gives a classic natural profile to building exterior that is safe from the threat of decay and termites. The beautiful wood pattern of Conwood Siding is long-lasting with its endurance for any weather conditions.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Karaked	Natural	0.8	15	305	5.01
Siding 6"	Natural	0.8	15	305	5.01

Conwood Lap Siding BG

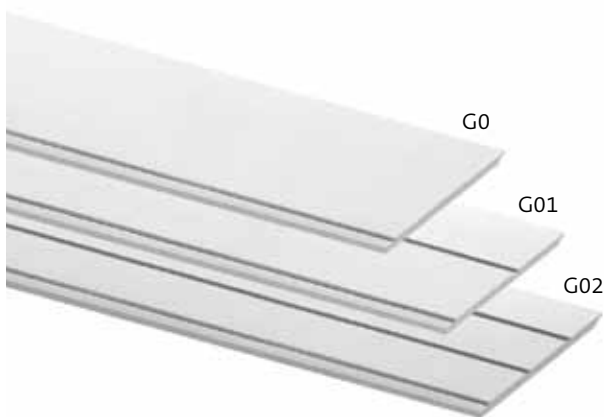
Reinvent the look of your home with Conwood Lap Siding BG. These easy-to-install planks are beautifully designed for decorative walls with rough wooden texture that widens the feature of the building.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Lap Siding BG	Natural	1.1	15	305	6.89

Conwood Lap Siding G-series

Conwood Lap Siding G series has a straight-grain surface that gives a creative distinguished look the interior or exterior walls of your home. It is designed with tongue and groove lines for seamless finishes.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Lap Siding G0	Natural	1.1	20	305	9.06
Lap Siding G01	Natural	1.1	20	305	8.88
Lap Siding G02	Natural	1.1	20	305	8.71



Conwood Decorative Panel

Use Conwood Decorative Panel to give your walls a new design pattern. Created for both interior and exterior uses, these panels are quick and easy to install and their distinctive u-shaped grooves add texture and dimension to any room.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Decorative Panel	Natural	1.1	60	120	10.49



Conwood Decorative Panel V-Groove

Conwood Decorative Panels also features a V-Groove that is ideally suited for any environment that needs a clean and modern look. The simple style and elegance of these panels make them ideal for restaurants, bistros, cafes, or office spaces.



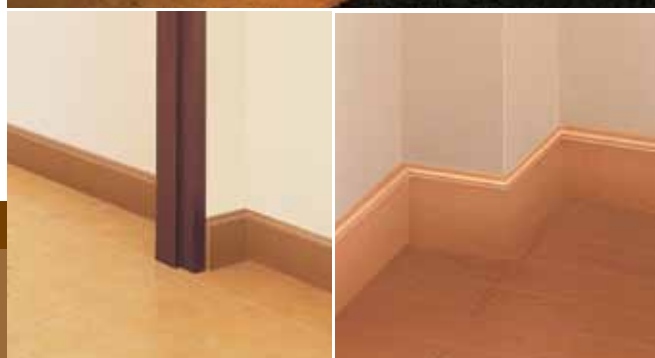
Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Decorative Panel V-Groove	Natural	1.1	30.5	305	12.83

Conwood Mould

Cover the seams between the walls and floors of your home up with Conwood Mould. This elegant solution prevents dirt from seeping into the base of your walls and further adds a decorative accent.

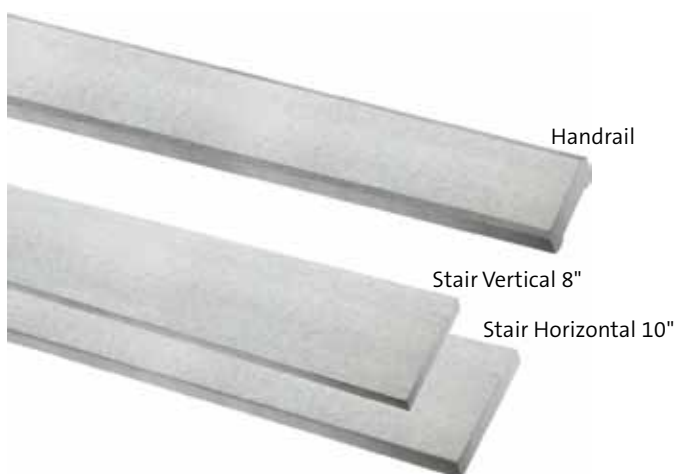


Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Louis	Natural	1.1	10	305	4.37
Louis	Natural	1.4	10	305	5.20
Classic	Natural	1.1	10	305	4.37
Classic	Natural	1.4	10	305	5.20



Conwood Decorative Stair

Conwood Decorative Stair is an excellent complement for staircases to add a nature's touch in the room. For a timeless finish, Conwood Decorative Stair can be varnished or coated.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Handrail	Natural	3	8.5	305	9.03
Stair Vertical 8"	Natural	1.6	20	120	4.92
Stair Horizontal 10"	Natural	2.5	25	120	9.60



Conwood Decorative Deck

Conwood Decorative Deck is an easy-to-install product that gives the wood flooring an elegant feature regardless of its location. With its unique natural look, Conwood Deck is a great solution that helps to keep high moisture areas free from termites and decay.

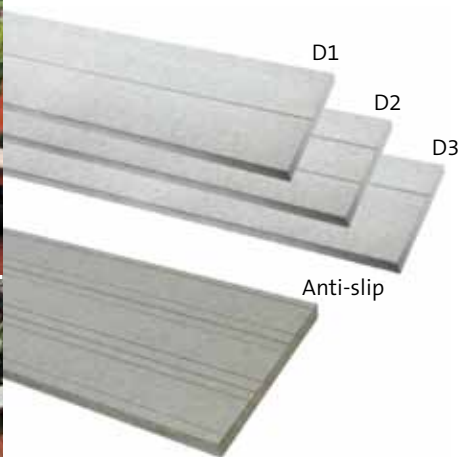


Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Deck 4"	Natural	1.4/2.5	10	305	5.20/9.76
Deck 6"	Natural	1.4/2.5	15	305	8.20/14.64
Deck 8"	Natural	1.4/2.5	20	305	10.93/19.52



Conwood Deck 12"

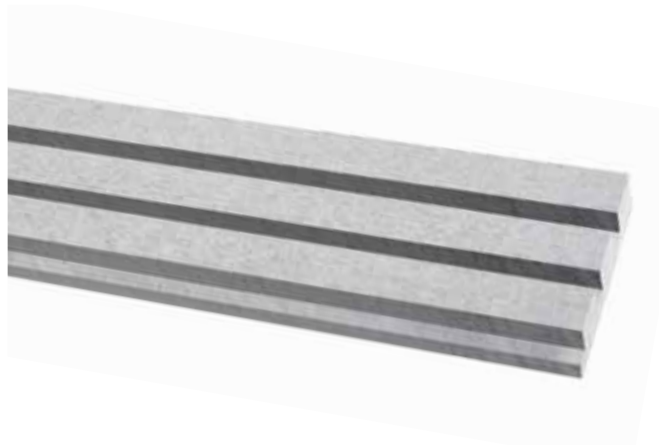
Conwood Deck 12" is designed for floorings that require higher weight load. It also has anti-slip design for placement in recreational areas such as swimming pool deck to ensure safety while maintaining the natural look at the same time.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Deck 12" D1	Natural	2.5	30	305	28.75
Deck 12" D2	Natural	2.5	30	305	28.75
Deck 12" D3	Natural	2.5	30	305	28.75
Anti-slip	Natural	2.5	30	305	28.75

Conwood Plank 1"

Conwood Plank 1" is an innovative wood substitute that has been developed to work as a decorative solution for both interior and exterior walls. This sturdy and easy-to-install plank is a great alternative to natural wood.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Plank 1"	Natural	2.5	10	305	8.22

Conwood Plank 2"

Conwood Plank 2" is a multi-purpose plank that can be utilized in various installations. The combination of its durability and classic appearance allows creative applications for decorative wood accents in homes or other buildings.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Plank 2"	Natural	1.6	5	305	3.12
Plank 2"	Natural	2.5	5	305	4.88



Conwood Sunshade

Conwood Sunshade is designed to screen and protect your home from the sun. The wooden gouging pattern of the sunshade gives a modern appearance for your home.

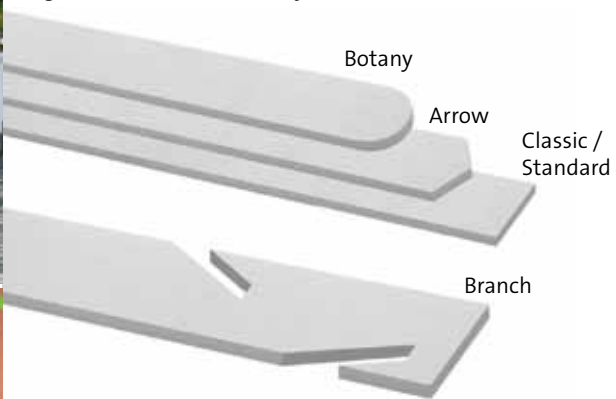


Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Sunshade	Natural	1.4	7.5	305	4.10



Conwood Fence

Protect your home with Conwood Fence, a strong and sturdy product that requires less maintenance than natural wood. This easy-to-install fence provides security for your property while giving your home an elegant and natural boundary.



Description	Colour	Thickness(cm)	Width(cm)	Length(cm)	Weight(kg/pc)
Botany	Natural	1.6	10	100	1.99
Botany	Natural	1.6	10	150	2.98
Arrow	Natural	1.6	10	100	1.99
Arrow	Natural	1.6	10	150	2.98
Standard	Natural	1.6	10	150	3.07
Classic	Natural	1.6	10	150	3.07
Branch	Natural	1.6	10	100	2.05

Handling and storage

Handling

Conwood products should be carried vertically by 50cm from the edges on both ends.



Storage

Always ensure to place Conwood products on a wooden pallet in dry location. When storing outdoors, Conwood products must be stacked and covered with canvas to avoid exposure to rain and dust.



Technical data sheet

Product Properties	Standard	Test result
Dimensional Tolerance		
• Length	ASTM C1185	± 3.0 mm (600 - 3,050 mm)
• Width	ASTM C1185	± 1.0 mm (50 - 305 mm) ± 3.0 mm (600 - 1,220 mm)
• Thickness	ASTM C1185	± 0.1 mm (8 - 30 mm)
Density	ASTM C1185	1.2 g/cm ³
Moisture content	ASTM C1185	5%
Water absorption	ASTM C1185	30%
Dimensional stability	ASTM C1185	0.27%
Non-combustibility	BS 476 part 4	Pass
Ignitability	BS 476 part 5	Pass
Fire propagation index	BS 476 part 6	I = 0
Surface spread of flame	BS 476 part 7	Class 1
Fire resistance	BS 476 part 22	30 - 60 minutes
Thermal conductivity	ASTM C177-97	0.184 W/m.K
Thermal resistance	ASTM C177-97	0.082 m ² .K/W
pH value	-	9 pH
Modular Of Elasticity (MOE)	ASTM C1185	5,000 - 8,000 MPa
Flexural strength	ASTM C1185	11 - 15 MPa

Conditions:

The supplier will not bear any responsibility for applications that are not installed as per Conwood Installation Standard. For more information on Conwood installation work, please call us at (+65) 6265 1933 or visit our website at www.holcim.com.sg

Conditions may change without prior notice.



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