



DMWOODTM

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OVERVIEW



Welcome to the world of DMWood, an exceptional product line proudly presented by DMComposites™. Our WPC (Wood-Plastic Composite) collection redefines outdoor living with innovative solutions for decking, cladding, wall and ceiling lining, fencing, and edging. Crafted with precision and passion, **DMWOOD™** brings together the timeless allure of wood and the cutting-edge technology of composites, offering you a harmonious blend of aesthetics and durability. Whether you envision a captivating deck, stylish cladding, or a functional fence, **DMWOOD™** transforms your outdoor spaces into havens of beauty and resilience. Explore our comprehensive **DMWOOD™** Product Guide to embark on a journey of creativity, elegance, and long-lasting quality. Elevate your surroundings with DMComposites™, where nature meets innovation.

KEY FEATURES:

Durable Performance:

DMWOOD™ boasts exceptional durability, resisting rot, decay, and warping for long-lasting outdoor solutions.

Natural Aesthetics:

Enjoy the beauty of natural wood with **DMWOOD™** authentic look and feel, enhancing the visual appeal of your outdoor spaces.

Low Maintenance:

With minimal upkeep requirements, **DMWOOD™** is resistant to stains, fading, and mold, allowing you to enjoy your surroundings without constant maintenance.

Environmentally Friendly:

Committed to sustainability, **DMWOOD™** uses recycled materials, offering an eco-conscious choice that combines style with environmental responsibility.

SPECIFICATIONS

DMWOOD™ is an environmentally conscious solution crafted from recycled wood, fiber, and resin, creating a sustainable product ideal for both residential and commercial builds. While its technical properties may be comparatively weaker in terms of strength when compared to FRP and fiberglass, **DMWOOD™** excels in providing a plethora of aesthetically pleasing options. Tailored for those who prioritize visual appeal, DMWood offers a perfect balance between sustainability, functionality, and design, making it a distinctive choice for a wide range of architectural specifications.



TECHNICAL DATA

Physical Data	Physical Data	Physical Data
Hardness	>58H RR	61H RR
Moisture Content	<2%	0.3%
Modulus of Rupture	>20 Mpa	40Mpa
Modulus of Elasticity	>1800 Mpa	3818Mpa
Thickness of Swelling	>1%	0.4%
Size Change -Calefaction	±2.5%	-0.10%
Resistance to Wear	<0.08g/100r	0.077g/100r
Size Change H/L Temp.	±0.2%	-0.10%
Screw Holding Capability	>1000N	3120N

DECKING

DMWOOD™ introduces an exceptional range of WPC Decking, redefining outdoor living with a perfect blend of innovation and style. Our decking line offers a spectrum of colors, widths, and thicknesses, providing a tailored solution for your outdoor deck. From timeless classics to contemporary shades, our diverse color palette allows you to express your unique taste. With various widths and thicknesses, **DMWOOD™** ensures flexibility in design, accommodating different preferences and architectural requirements. Elevate your outdoor space with **DMWOOD™** WPC Decking, where aesthetics and functionality seamlessly converge. What's more, our decking is UV-resistant, ensuring lasting vibrancy and protection against the elements. Experience the epitome of versatility and durability with **DMWOOD™** WPC Decking.

OUR RANGE

SILK BLEND

PRODUCT CODE: DMW-SB-W-T-C-L

LENGTH(L): 3M & 6M

WIDTH(W): 146MM & 225 MM

THICKNESS(T): 22MM & 30 MM



**MOCHA
DELIGHT**



**PANTHER
BLACK**



**SILVER
MIST**



OUR RANGE

ROUGH GRAIN

PRODUCT CODE: DMW-SB-W-T-C-L

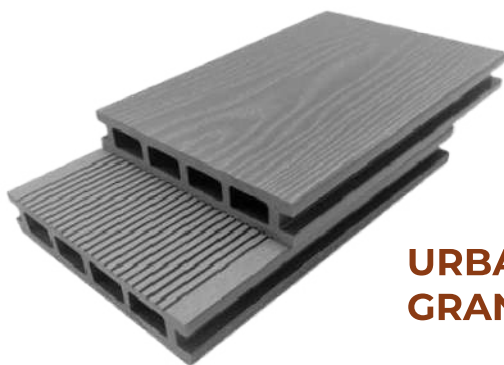
LENGTH(L): 3m & 6m

WIDTH(W): 146mm & 225 mm

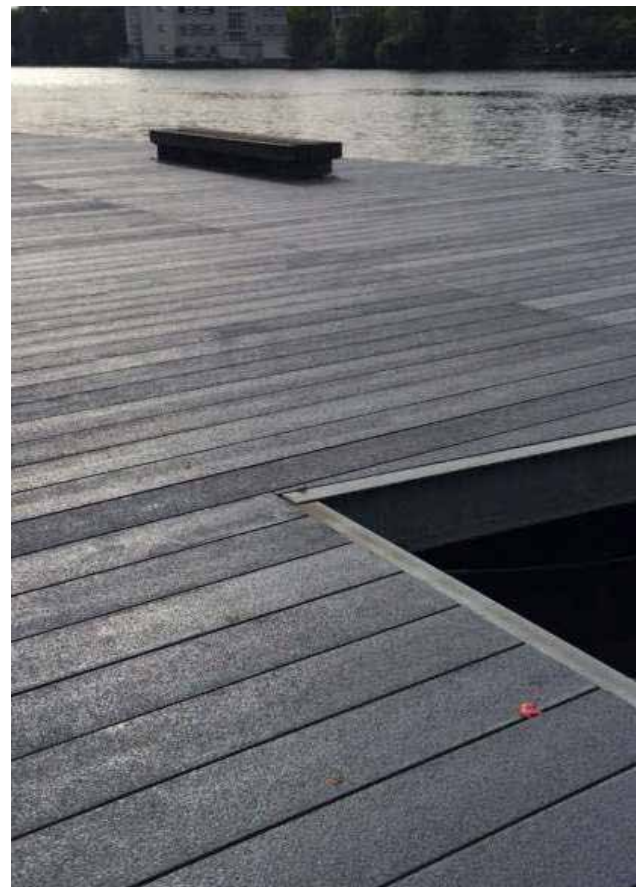
THICKNESS(T): 22mm & 30 mm



**MIDNIGHT
OBSIDIAN**



**URBAN
GRANITE**



OUR RANGE

ROYAL TEAK

PRODUCT CODE: DMW-RG-W-T-C-L

LENGTH(L): 3m & 6m

WIDTH(W): 146mm & 225 mm

THICKNESS(T): 22mm & 30 mm



**ESPRESSO
ELEGANCE**

DMWOOD™ commitment to quality fixings ensures a secure and enduring deck installation, providing peace of mind for your outdoor enjoyment.



PRODUCT CODE: DMW-WPC-FC

WPC FIXING CLIP

Secures WPC boards for stability and longevity.

PRODUCT CODE: DMW-WPC-IC-316SS

316 SS INTERMEDIATE CLIP

Ensures stability between decking boards, resistant and durable.



PRODUCT CODE: DMW-WPC-SC-316SS

316 SS STARTER CLIP

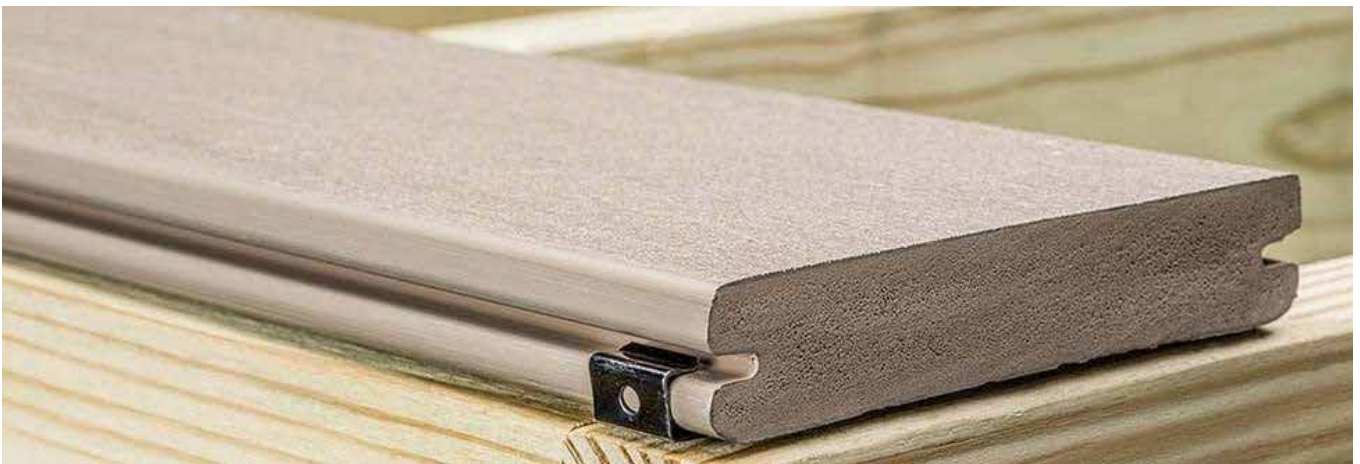
Initiates robust stainless steel deck installation.

DMWOOD™ makes installation a breeze! Elevate your outdoor space effortlessly with **DMWOOD™**. Our user-friendly design ensures a seamless process for both DIY enthusiasts and professionals. Experience the simplicity and sophistication of **DMWOOD™** – where each plank brings ease to your project. Transform your surroundings hassle-free and create the outdoor haven you've envisioned with **DMWOOD™**.



STEP ONE: SUBFRAME

Embark on your WPC decking installation journey with precision and groundwork. Take accurate measurements and establish a robust frame with uniform spacing **(300-600 mm) between joists**. Adapt securing techniques to your surface, using reliable screws for a secure connection, whether on a patio, cement base, or post/pedestal network.



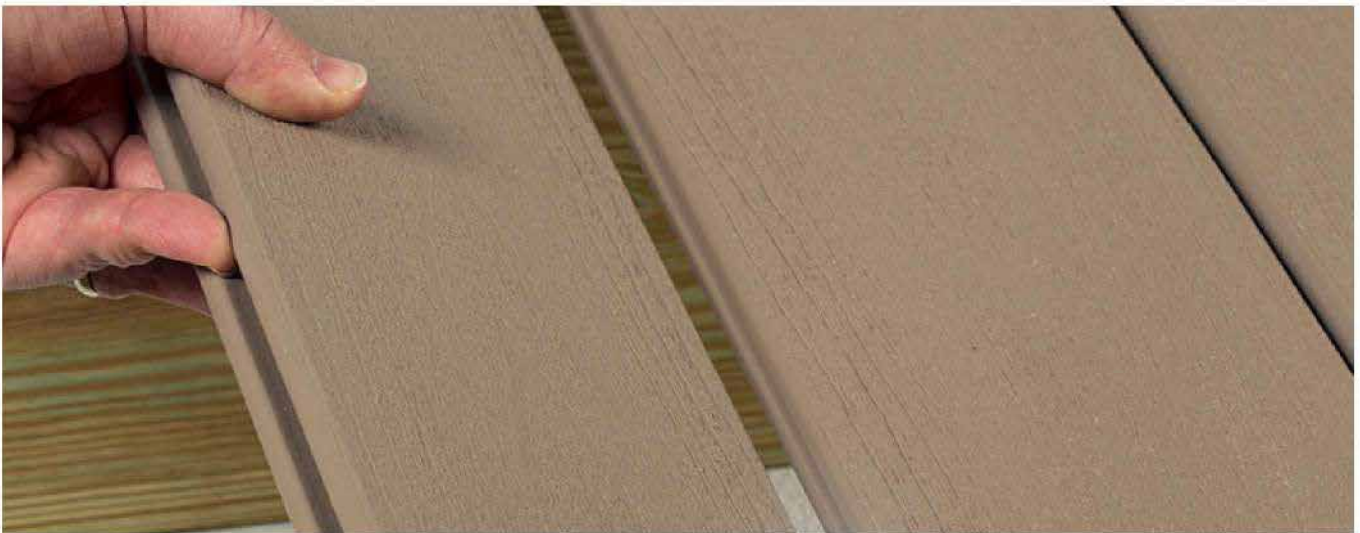
STEP TWO: FIRST BOARD

Begin with discreet placement of 316SS Starter Clips at frame ends and intervals. Align clips with board edges, securing them firmly. Slide the inaugural board onto the grooves, achieving a seamless fit. Elevate the installation by introducing toothed special clips, aligning with joist centers and fastening securely with screws.



STEP THREE: WPC DECKING

Maintain a harmonious pattern by aligning subsequent boards with exposed grooves and special clips. Enhance elegance by securing boards with special clips, similar to Step Two. Use **DMWOOD™** Decking Clips and Intermediate Clips as needed. Ensure a minimum 3mm gap between board cross-sections to facilitate expansion



STEP FOUR: FINAL BOARD

Prioritize precision as you approach completion. Calculate final board widths, mark ultimate joist for edge positioning. Affix concealed starter clips for a flawless finish. Slide the last board onto concealed clips, securing with special clips and screws. Place penultimate board with finesse, ensuring a satisfying click. The grand finale involves sliding the last special clips through the gap between penultimate and final boards, sealing each joint's center with unwavering precision. Adhere to all finishing requirements for a lasting and elegant result

CLADDING

DMWOOD™ unveils an extraordinary collection of WPC Cladding, revolutionizing outdoor aesthetics with a fusion of innovation and style. Offering a customizable solution for exterior walls, our cladding line spans a variety of colors, widths, and thicknesses. Whether you prefer timeless classics or contemporary tones, our diverse color palette enables you to express your distinct style. With a range of widths and thicknesses, **DMWOOD™** ensures adaptability in design, catering to diverse preferences and architectural specifications.

Transform your outdoor facade with **DMWOOD™** WPC Cladding, where the marriage of aesthetics and functionality creates a harmonious visual appeal. Additionally, our cladding is UV-resistant, ensuring enduring vibrancy and protection against the elements. Immerse yourself in the pinnacle of versatility and durability with **DMWOOD™** WPC Cladding.

OUR RANGE

RIB CLADDING

PRODUCT CODE: DMW-RC-W-T-C-L

LENGTH(L): 3M & 6M

WIDTH(W): 220 MM

THICKNESS(T): 26MM



**CHESTNUT
CHARM**



**JET
BLACK**





**CHESTNUT
CHARM**

OUR RANGE

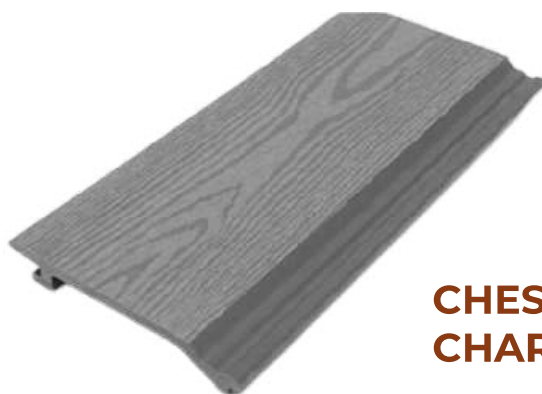
CLASSIC CLADDING

PRODUCT CODE: DMW-RC-W-T-C-L

LENGTH(L): 3M & 6M

WIDTH(W): 150 MM

THICKNESS(T): 22MM



**CHESTNUT
CHARM**



**CHESTNUT
CHARM**





STARTER TRIM

PRODUCT CODE:
DMW-STR



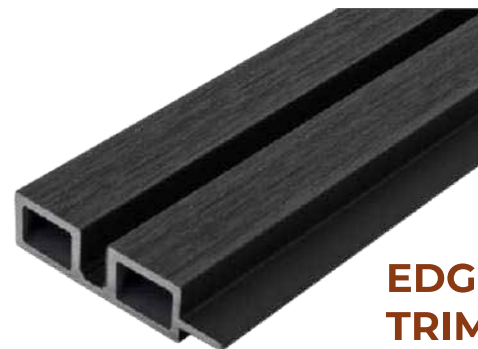
CORNER TRIM

PRODUCT CODE:
DMW-CTR



SKIRTER TRIM

PRODUCT CODE:
DMW-SKTR



EDGE TRIM

PRODUCT CODE:
DMW-SKTR

DMWOOD™ WPC Cladding achieves perfection with the addition of Starter, Corner Trims and Edge Trims. Elevate your exterior spaces to new heights of sophistication with these meticulously crafted accessories. Designed to seamlessly complement your cladding, our trims offer a polished finish, ensuring both aesthetics and durability. Explore the intersection of style and functionality with **DMWOOD™**, where every detail enhances the overall allure of your WPC cladding project.



WOODPECKER SCREWS

PRODUCT CODE: DMW-CL-SCW-316SS

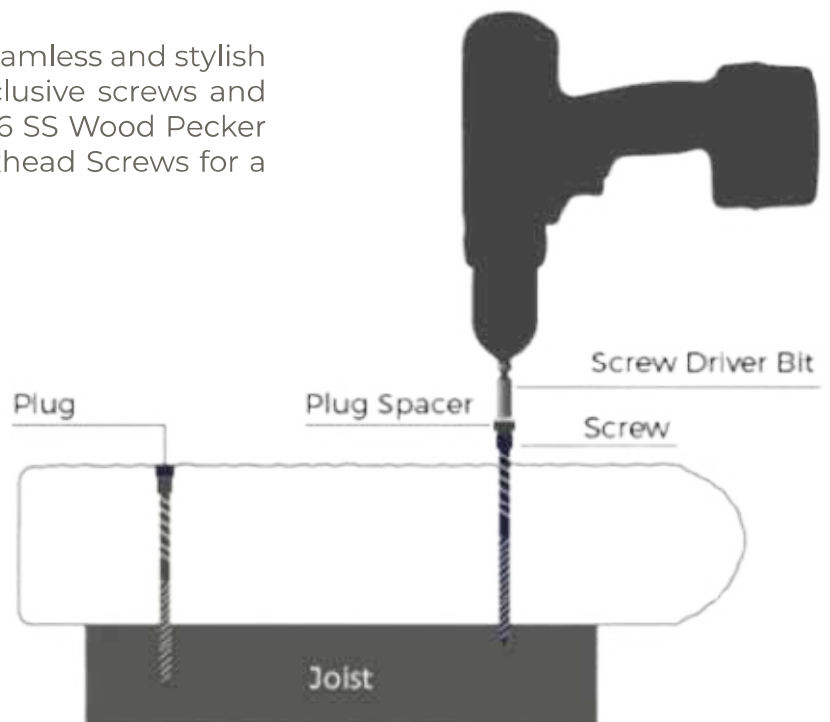


TORXHEAD SCREWS

PRODUCT CODE: DMW-CL-SCW-316SS

DMWOOD™ WPC Cladding offers a seamless and stylish installation experience with our exclusive screws and fixings. Choose from the discreet 316 SS Wood Pecker Screws or the concealed 316 SS Torxhead Screws for a secure finish.

Both options are effective, easy to install, and ensure a concealed appearance, allowing your cladding to shine while maintaining durability and stability. Opt for **DMWOOD™** to elevate your cladding project with a touch of sophistication



HORIZONTAL CLADDING



STEP ONE: BATTENS

Pre-drill battens, secure at least 50mm into the surface below. Choose suitable fixings; 5-6mm diameter screws, at least 80mm long. Max. Batten Spacing 500mm.



STEP TWO : STARTER TRIM

Secure a Starter Strip to the Composite Batten using a 15mm screw. Ensure level alignment with the next strip, confirming the first Cladding Board sits securely before proceeding.



STEP THREE: FIRST BOARD

Position the initial Wall Cladding Board onto Starter Strips. Mark and pre-drill pilot holes through the fixing groove into the Batten. Secure with 20mm screws, ensuring a snug fit without overtightening to prevent splitting.



STEP FOUR: WPC CLADDING

Proceed to install Cladding Boards until the desired area is covered. For a seamless look, align boards side by side, potentially requiring additional battens for adequate support at meeting points.

DMWOOD™ WPC Cladding offers unparalleled versatility, allowing for installation both vertically and horizontally with distinct methods to suit your design vision. Explore the freedom of expression with **DMWOOD™**, where the choice is yours — whether creating a sleek horizontal design or a striking vertical statement. Our cladding's flexible installation methods provide the perfect canvas for your architectural creativity, ensuring that each project is a unique reflection of your style.



STEP ONE: BATTENS

For vertical cladding, attach battens max 500mm apart. Run full length, add where boards join. Install battens perpendicular to desired board orientation. Surface must be flat and stable. Use composite or wood battens, pre-drill, secure 30mm high battens at least 50mm into surface. Choose suitable fixings; 5-6mm diameter screws, at least 80mm long.



STEP TWO : STARTER TRIM

Attach a Starter Strip on the right side of each batten. Ensure it's level with the next and the first board sits level before placing it. Secure the board on the composite batten using 30mm screws. Allow air flow between battens. Slot the second board onto the first, securing it in place on each batten.



STEP FOUR: WPC CLADDING

Proceed to install Cladding Boards until the desired area is covered. For a seamless look, align boards side by side, potentially requiring additional battens for adequate support at meeting points.

DID YOU KNOW?

DMWOOD™ WPC Cladding not only offers an aesthetic upgrade but is also ecofriendly. Crafted from recycled materials, it provides durability, low maintenance, and resistance to environmental factors, ensuring a sustainable and stylish solution for your architectural needs.

WALL & CEILING LINING

DMWOOD™ presents an outstanding range of WPC Wall & Ceiling Lining, reshaping indoor aesthetics with innovation and style. Our customizable solutions feature diverse colors, widths, and thicknesses, catering to varied preferences. Redefine your interiors effortlessly with **DMWOOD™**, where functionality meets aesthetics, guaranteeing lasting vibrancy and protection against the elements. Immerse yourself in the epitome of versatility and durability with **DMWOOD™** PVC Wall & Ceiling Lining, featuring a user-friendly tongue and groove system for seamless installation.

OUR LINING SYSTEM

PRODUCT CODE: DMW-CEL



LENGTH(L): 3M

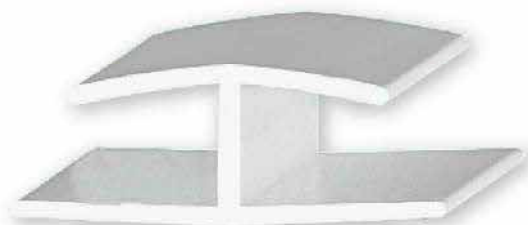
WIDTH(W): 250-300 MM

THICKNESS(T): 8MM

AVAILABLE IN A RANGE
OF COLOURS

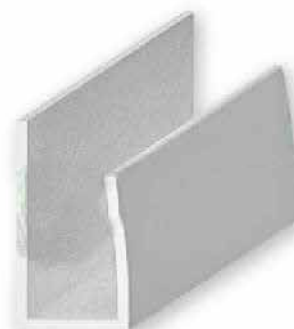


TRIMS & FIXINGS



H TRIM

PRODUCT CODE: DMW-CEL-HT



EDGE TRIM

PRODUCT CODE: DMW-CTR



WOODPECKER SCREWS

PRODUCT CODE: DMW-CL-SCW-316SS



TORXHEAD SCREWS

PRODUCT CODE: DMW-CL-THSCW-316SS



DMWOOD™ PVC Wall & Ceiling Lining attains excellence with the incorporation of H Trims and Edge/End Trims. Enhance your indoor spaces with these precisely crafted accessories, seamlessly complementing your lining. Our trims provide a refined finish, marrying aesthetics with durability. Immerse yourself in the synergy of style and functionality with **DMWOOD™**, where each element elevates the overall charm of your PVC wall and ceiling lining project.



STEP ONE: CEILING

Prior to installing tongue and groove planks, prepare the ceiling surface. Mark joist lines and, if needed, add battens. These preliminary steps are essential for a successful installation.



STEP TWO : JOIST MARKING

Achieve precise plank alignment by accurately marking ceiling joists. Use a chalk line, laser, or string, align it with the desired joist line, and mark with pencil or chalk. Verify accuracy by measuring distances and adjust if needed.



STEP THREE: BATTEN INSTALL

Install battens for a sturdy surface. Measure, mark layout, and attach to the ceiling with screws or nails, ensuring alignment with ribs. Use a level for straight and even spacing. Cover the entire ceiling and optionally paint or finish for aesthetics.



STEP FOUR: TONGUE & GROOVE

Measure, cut, and nail the first plank. Blindnail subsequent boards at a 45-degree angle. Work around obstacles, finish with paint or stain, and handle warped boards. Complete with lights and speakers installation for a polished appearance.

Embark on a seamless installation journey with **DMWOOD™** Tongue and Groove system. Our method ensures precision and efficiency, allowing for a smooth and secure fit. Elevate your spaces effortlessly, as each interlocking piece seamlessly integrates, guaranteeing not just a visually appealing result, but also durability that stands the test of time. Immerse yourself in the art of installation with **DMWOOD™**, where the tongue and groove method creates a flawless and lasting finish for your project.

FENCING

DMWOOD™ WPC Fencing introduces a remarkable collection, redefining outdoor beauty with innovation and style. Our customizable solution spans various colors, widths, and thicknesses, accommodating both classic and contemporary preferences. With versatility in design and UVresistant features, **DMWOOD™** ensures enduring vibrancy and protection. Elevate your outdoor space with **DMWOOD™** WPC Fencing, where aesthetics and functionality converge seamlessly for enduring appeal.



BURGUNDY



GRAPHITE

FENCE POST SYSTEM

PRODUCT CODE: DMW-FC-PS-C

HEIGHT(H): UPTO 2M

POST SPACING:

1500-2000 MM



BURGUNDY



FENCE POST SYSTEM

HEIGHT(H): UPTO 2.4M POST SPACING: 1500-2000 MM



PRODUCT CODE:
DMW-FC-PST-AL
**ALUMINIUM
FENCE POST**



PRODUCT CODE:
DMW-FC-PST-AL
**ALUMINIUM
BASE PLATE**



FENCE CONCRETE SYSTEM PRODUCT CODE: DMW-FC-CS

GREY HOUND



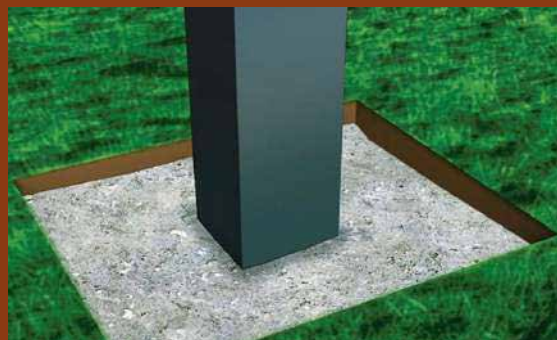
WARM SILVER

HEIGHT(H): UPTO 2.4M
SUITABLE FOR ALL TYPES OF COCNRETE FOUNDATIONS



STEP ONE: EXCAVATION

Prepare the area by clearing debris. Dig fence post holes to 25% of post height, with posts spaced a maximum of 2m apart for optimal panel support.



STEP TWO : QUICK CONCRETE

Ensure each fence post is perfectly level before applying postcrete. Posts should have a minimum of 25% of their height secured in concrete.



STEP THREE: BOARDS

Ensure the first fence panel board is perfectly level before attaching it to posts. Secure the top and bottom to the fence posts. Subsequent panels must also be level, slotting onto the preceding board for a seamless fit.



STEP FOUR: FENCE POST CAPS

When reaching the desired height (maximum 2m), place the cap atop the fence post to complete the installation.

DMWOOD™ WPC Fencing provides unparalleled flexibility, allowing for both horizontal and vertical installations with unique methods tailored to your design vision. Embrace creative freedom with **DMWOOD™**, where you have the choice to craft a sleek horizontal design or make a bold vertical statement. Our fencing's adaptable installation methods offer the ideal canvas for expressing your architectural creativity, ensuring each project is a distinctive reflection of your style.

| WPC PROFILES

DMWOOD™ WPC profiles present a great alternative to timber profiles. Unlike timber, **DMWOOD™** WPC profiles do not rot and are 100% sustainable and waterproof. They are suitable for use in handrails, boardwalks, kerb rails, packers, and many more applications where traditional timber needs to be replaced. These profiles offer excellent structural, mechanical, and physical properties. Available initially in standard black, they can also be supplied in brown or grey, providing a wide range of aesthetically pleasing solutions.

PROFILE (mm) [^]
75 x 45
90 x 20
90 x 45
140 x 40
150 x 25
150 x 100
200 x 20
200 x 50
200 x 75
200 x 90
200 x 100
300 x 40



40 x 40
100 x 100
125 x 125
150 x 150

75 x 75
90 x 20
90 x 45
140 x 40
150 x 25
200 x 20
200 x 50
200 x 75
300 x 40



DMWOOD™ WPC PROFILES TECHNICAL DATA

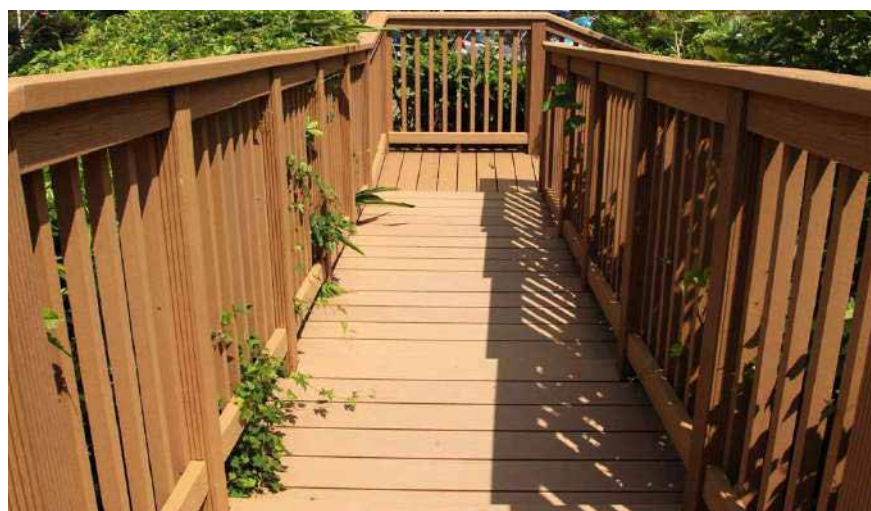


Physical & Mechanical Properties

TEST	VALUE	UNIT
DRY FLEXURAL (MAX)	3.8	KN
WET FLEXURAL (MAX)	3.8	KN
COMPRESSION (MAX)	27	MPA
WATER ABSORPTION	4% IN 21	DAYS
SCREW WITHDRAW	1700	MPA
TENSILE	11	MPA
FIRE RADIANT FLUX	600	%
BAL RATING	29	
UV EXPOSURE	NO COLOUR CHANGE OVER 500 HRS AT 50 DEGREES	—

Chemical Resistance Chart

CHEMICAL TYPE	ABSORPTION (%)	MAX LOAD (KN)
OIL	1	22
ACID	6	20
ALKALI	25	12
CHLORINE	6	20



DMWOOD™

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