



Fencing

SHERA™
build better, live better



SHERA Fence offers the warmth of real wood fencing or the modern contemporary look of smooth surface.

Suitable in a variety of external fencing or screen applications, SHERA Fence is the perfect choice for your landscaping needs.

CLASSIC WOOD APPEARANCE



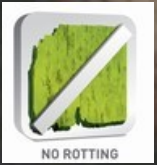
FIRE RESISTANT

Non-combustible



IMMUNE TO WATER DAMAGE

Immune to water damage



NO ROTTING

Rot resistant



TERMITE & INSECT RESISTANT

Insect resistant



WEATHER RESISTANT

Weather resistant

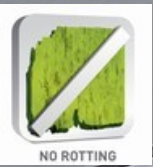
CONTEMPORARY SMOOTH APPEARANCE



Non-combustible



Immune to water damage



Rot resistant



Insect resistant



Weather resistant

Nature provides the ingredients...

Using water, sand, cement and natural cellulose fibres, combined with SHERA's unique autoclave treatment during the curing process, the end result is a very strong and durable fibre cement composite material that is extremely light weight for its strength.



Results that Rock!

The perfect alternative to traditional wood fencing, SHERA Fence is easy to maintain, tough, rot and fire resistant. SHERA Fence is a unique fibre cement composite consisting of natural fibres bonded tightly in a high-grade silicate structure. The result is a material that is highly durable, water resistant, fire proof and resistant to insects and chemical corrosion. Available in a range of styles and surface profiles, SHERA Fence is a great substitute for real wood fencing.

CEMENT



WATER



SAND



CELLULOSE FIBRE



Products and Accessories



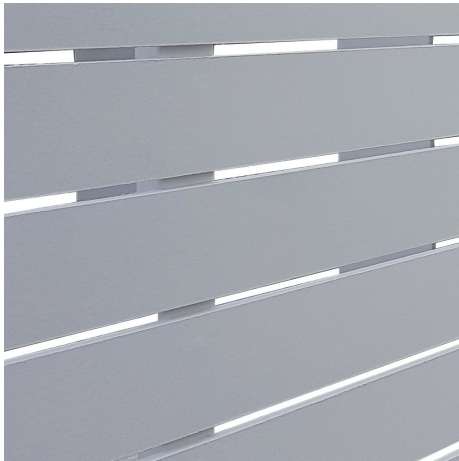
SHERA Wood Coloured, Straight Grain Fence

Thickness: 12mm

Width: 100mm

Length: 3000mm

Colours: Shine Light Red Oak & Shine Light Oak



SHERA Uncoloured, Smooth Fence

Thickness: 12mm

Width: 100mm

Length: 3000mm

Colour: Natural light beige, can be painted with any waster based acrylic paint.

SHERA Fence Availability:

- 12x100x3000mm, smooth surface, modern profile (square end), uncoloured
- 12x100x3000mm, straight grain surface, modern profile (square end), Shine light Red Oak (left)
- 12x100x3000mm, straight grain surface, modern profile (square end), Shine light Oak (right)

SHERA™



SHERA™





SHINE LIGHT

- ◆ **Crystal Coating**
Multi layer shining coat for durability
- ✦ **Easy for cleaning**
Newly innovated self cleaning system
- ⚙ **Nano Pigment**
Outstanding shine from latest in-house technology



SHERA Fence Colour Options

SHERA Fence now comes in two colour options:

- Shine Light Red Oak (top)
- Shine Light Oak (bottom)

SHERA Fence Characteristics

<i>Physical Properties</i>	
<i>Thickness Tolerance</i>	$\pm 6\%$
<i>Density</i>	$1350 \pm 50 \text{ kg/m}^3$
<i>Modulus of Rupture</i>	$> 7 \text{ MPa (Wet)}$
<i>Modulus of Elasticity</i>	5500 MPa (Wet)
<i>Water Absorbtion</i>	$\leq 35\%$
<i>Moisture Content</i>	$\leq 12\%$
<i>Water Tightness</i>	<i>Pass</i>
<i>pH Value</i>	<i>7-8</i>
<i>Thermal Conductivity</i>	0.15 W/mK
<i>Sound Protection</i>	$30-64\text{dB}$
<i>Length Change by Moisture Movement</i>	0.04%
<i>Length Change Due to Water Absorption</i>	0.19%
<i>Fire Resistance Properties</i>	
<i>Ignitability</i>	<i>Pass</i>
<i>Fire Propagation Index</i>	$I = 0$
<i>Surface Spread of Flame</i>	<i>Class 1</i>
<i>Reaction to Fire Classification</i>	$A2s1d0$
<i>Combustibility</i>	<i>Non-Combustible</i>
<i>Durability Properties</i>	
<i>Freeze / Thaw Resistance</i>	<i>Pass</i>
<i>Warm Water Resistance</i>	<i>Pass</i>
<i>Heat / Rain Resistance</i>	<i>Pass</i>
<i>Soak / Dry Resistance</i>	<i>Pass</i>

Products and Accessories:

Screws



SHERA FIX-W 25

SHERA Planks to steel frame posts.

Specifications:

Bore Diameter: 2.7mm

Tensile: 7,375N

Shear: 4,835N

Maximum Attachment: 17mm

Drilling Capacity: 2.5mm

Length: 25mm.

Package: 1,000 pcs/box



SHERA FIX-T32

SHERA board to timber frame posts.

Specifications:

Bore Diameter: 3.26mm

Tensile: 5,150N

Shear: 4,250N

Maximum Attachment: 24mm

Drilling Capacity: n/a

Length: 32mm.

Package: 500 pcs/box

Products and Accessories: Recommended Posts



Galvanized Fence Framing Posts Over 1.40m Height

Specifications:

Galvanized steel tube

Galvanized posts with flange for fencing with SHERA Fence, with a plastic end cup. Includes 4 anchoring parts and installation instructions For height over 140cm size 60 X 60 mm.

Thickness: 2mm

Dimensions: 60 * 60 mm (Length depending on fence height)

Note: Products may not be available in all markets



Galvanized Fence Framing Posts Below 1.40m Height

Specifications:

Galvanized steel tube

Galvanized posts with flange for fencing with SHERA Fence, with a plastic end cup. Includes 4 anchoring parts and installation instructions For height below 140cm size 30 X 60 mm.

Thickness: 1.5mm

Dimensions: 30 * 60 mm (Length depending on fence height)

Note: Products may not be available in all markets

Installation:

Horizontal

Right: SHERA Fence can be installed in horizontal fence applications.

Below: SHERA Fence smooth profile that was painted using a white coloured, water based acrylic paint.



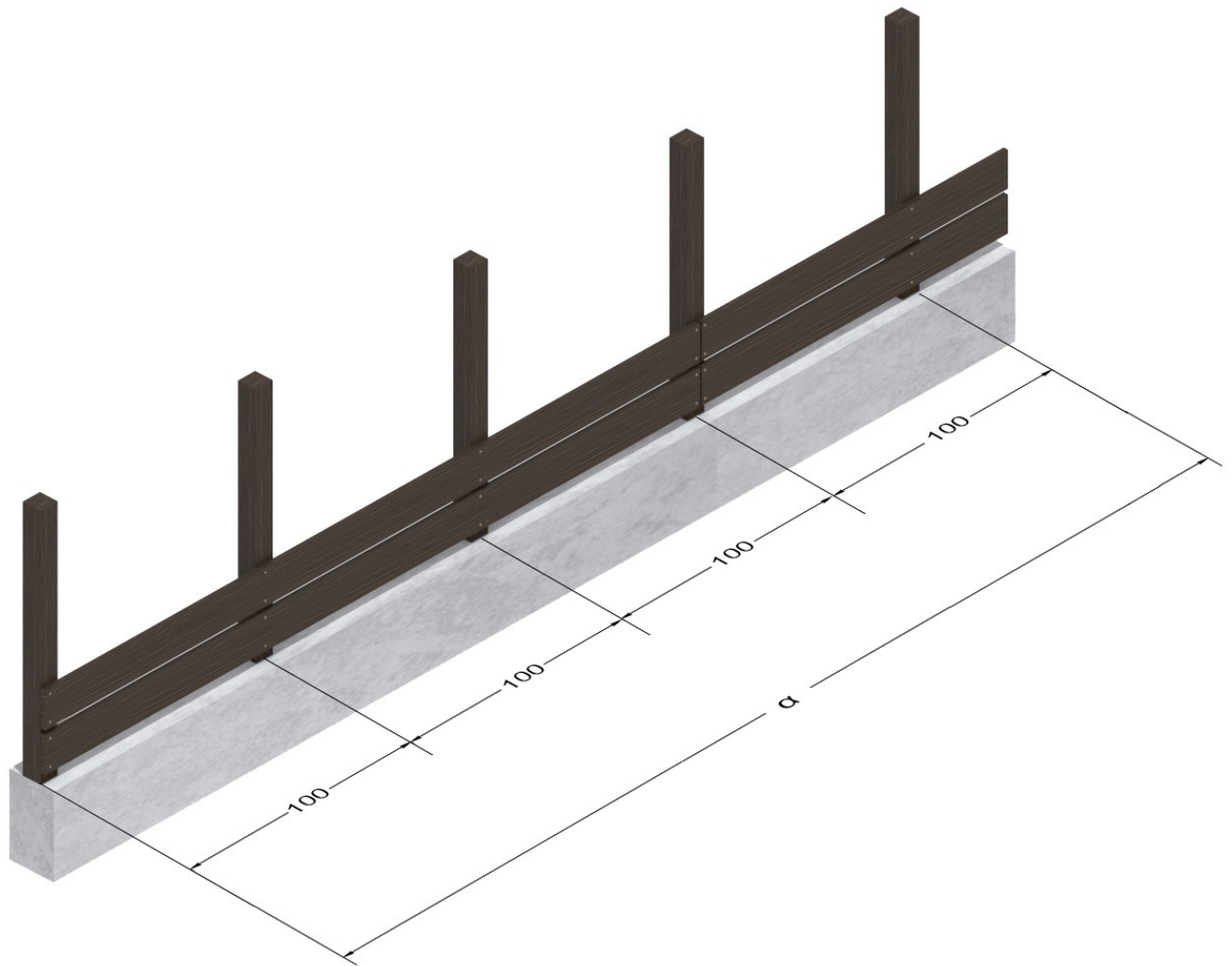
Installation:

Vertical

SHERA Fence can be installed in vertical fence applications:



Installing Posts for SHERA Fence

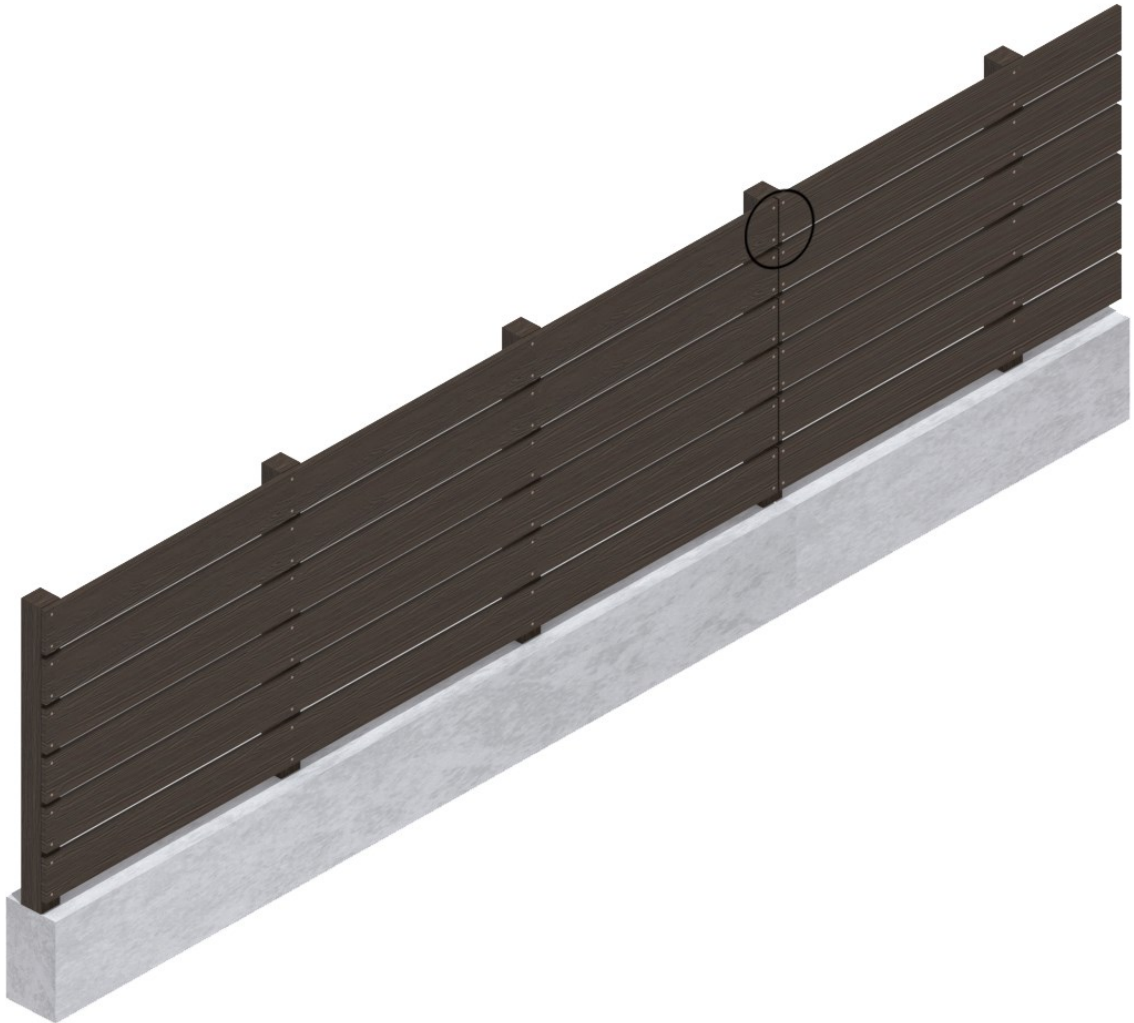


Posts should be anchored to a stable concrete surface at intervals of 1.00 metre.

Install the first post at the fence edge and then measure from the edge of the post to the centre of the next post, 1.00 metre apart, to find the proper distance. The same applies to the ending of the fence posts.

The number of posts you will need for a fence is the total distance in metres rounded up to the next metre + 1 = total posts needed.

Installing SHERA Fence



Planks should be fastened to the properly installed posts using the approved screw as described in accessories section above using the proper screw gun as described in the tools section.

Install the first plank at the top of the posts with the plank exceeding the post height by 10mm for better appearance. Leave a horizontal gap distance of at least 10mm for helping the fence with high wind pressure resistance.

You need two screws for each plank at every point the plank meets the vertical post.

You will need eight screws per plank.

Installing SHERA Fence



Make sure you have a control joint vertical gap of at least 3mm where there is a horizontal continuation of planks, to allow for fence movement.

Also SHERA Fence should be fastened to the properly installed posts 12mm from fence plank edges, as in the above diagram, using the approved screw, as described in accessories section above, using the proper screw gun as described in the tools section.

You need two screws for each plank at every point the plank meets the vertical post.

You will need eight screws per fence plank.

Tools for Fence Installation



Screw Gun

Specification:

Power Output: 550W

Speed: 0-2500rpm

Speed of the screw gun should be adjusted to 1,500 rpm for better screw taping.



Circular Saw

Blade diameter 110 mm (4 3/8")

Max. cutting capacity 32 mm (1 1/4")

Continuous rating input 1,200 w

No load speed 13,000 rpm

Diamond cutter blade

Circular saw should have an attached vacuum system for collecting dust created from dry cutting in the environment.



Diamond cutter blade

Transportation and Storage



Pallets should be transported using a forklift.

Always carry products upright and be careful not to damage ends/edge when lowering fencing.

Store in a shaded, dry and level area on 5 timber bases with minimum width 1.5"x3".



Do not install and /or paint fencing when it is damp or wet.

Painting SHERA Fence

We are always expanding our colour ranges, but you may opt to paint yourself as painting SHERA Fence will add to the appearance of your fence. Application in your own unique style.

The natural colour of the fence planking is a light grey/beige colour and it can remain unpainted if you choose to do so.

You can paint the planks before or after installation using a brush or a roller at the stain or colour of your choice and you can use acrylic wood stain or acrylic exterior paint according to your preferred final appearance.



SHERA FENCE - MAINTENANCE FREE



IMMUNE TO WATER DAMAGE



LOW SHRINKAGE & NO WARPING



NO ROTTING



TERMITE & INSECT RESISTANT



WEATHER RESISTANT



EASY INSTALLATION

Store in a shaded, dry and level area on 5 timber bases with minimum width 1.5"x3".

For 4mm thickness, the height of stack should not exceed 200 pieces.

For 6mm thickness, the height of stack should not exceed 130 pieces.

Do not install and paint the sheets when they are damp or wet.

CE

07

**EN 12467
Fibre Cement Flat Sheet for Internal
and External Use**

**NT
Class 2, Category A
Reaction to Fire A2-s1,d0**

Find out more about our products and applications



EXTERIOR WALLS



INTERIOR WALLS



EXTERIOR SIDING



CEILINGS



ELEVATED FLOORS



FENCING



EXTERIOR DECK FLOORS



INDUSTRIAL ROOFING

