

The logo for SRW, consisting of the letters 'SRW' in a bold, blue, sans-serif font.

S U R I W O N G
for people who build

The main title 'TPI WOOD BOARD' is centered on the page. 'TPI' is in a large, bold font with 'T' in blue, 'P' in red, and 'I' in blue. 'WOOD BOARD' is in a smaller, grey, sans-serif font, stacked in two lines to the right of 'TPI'. The background features a large, faint, light-colored hexagon behind the text, and a stylized landscape at the bottom with grey trees and a dark grey horizon line.



TPI board | ceiling

TPI Board-Ceiling are designed flat with a very smooth surface. It is ideal for both interior or exterior ceiling as well as soffits & arch and high moisture ceilings.

| Item Code | Size (mm) (Thk x W x L) | Weight (Kg) | Packing (Pcs/Plt) | Texture | Profile | Color |
|-----------|----------------------------|----------------|----------------------|---------|------------|-----------|
| TPI-CB4.0 | 4 x 1,220 x 2,440 | 17.8 | 135 | Smooth | Square-Cut | Uncolored |
| TPI-CB4.5 | 4.5 x 1,220 x 2,440 | 20.1 | 120 | Smooth | Square-Cut | Uncolored |

CEILING BOARD INSTALLATION

Frame Type

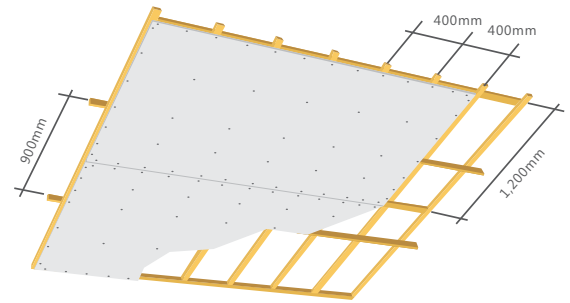
- Galvanized Frames (0.4mm thk Double Furring, 0.8mm thk Carrying Channel)
- Treated Wood Frames (2" x 2")

Frame Spacing

- Double Furring spaced at 400mm.
- Carrying Channel spaced at 900mm
- Timber Frames spaced at 600mm x 600mm

Screw

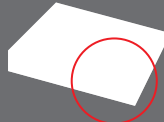
- Screw



Smooth Texture
Uncolored



Square-Cut Edge



Recessed Edge

TPI board | wall

TPI Board-Wall are excellent for interior partitions & exterior cladding. It is formulated for high impact strength and resistance to heat, water and moisture.

| Item Code | Size (mm) (Thk x W x L) | Weight (Kg) | Packing (Pcs/Plt) | Texture | Profile | Color |
|------------|----------------------------|----------------|----------------------|---------|------------|-----------|
| TPI-WB6.0 | 6 x 1,220 x 2,440 | 26.7 | 90 | Smooth | Square Cut | Uncolored |
| TPI-WB8.0 | 8 x 1,220 x 2,440 | 35.6 | 68 | Smooth | Square Cut | Uncolored |
| TPI-WB9.0 | 9 x 1,220 x 2,440 | 40.1 | 60 | Smooth | Square Cut | Uncolored |
| TPI-WB10.0 | 10.0 x 1,220 x 2,440 | 44.5 | 54 | Smooth | Square Cut | Uncolored |
| TPI-WB12.0 | 12.0 x 1,220 x 2,440 | 53.4 | 45 | Smooth | Square Cut | Uncolored |

| Item Code | Size (mm) (Thk x W x L) | Weight (Kg) | Packing (Pcs/Plt) | Texture | Profile | Color |
|-----------|----------------------------|----------------|----------------------|---------|---------------|-----------|
| TPI-RB6.0 | 6 x 1,220 x 2,440 | 26.7 | 90 | Smooth | Recessed Edge | Uncolored |
| TPI-RB8.0 | 8 x 1,220 x 2,440 | 35.6 | 68 | Smooth | Recessed Edge | Uncolored |

WALL BOARD INSTALLATION

Frame Type

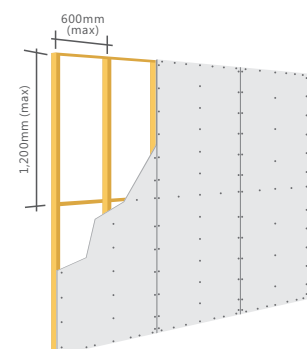
- Galvanized Frames (0.5mm thk Studs and tracks)
- Treated Wood Frames (2" x 2" / 2" x 4")

Frame Spacing

600mm x 1,200mm (max)

Screw

- Screw



TPI floor

board |

TPI Board-Floor are strong and tough boards for load bearing elevated floors and floor leveling. Ideal for upper areas in residences, factories, stores and farms.

FLOOR BOARD INSTALLATION

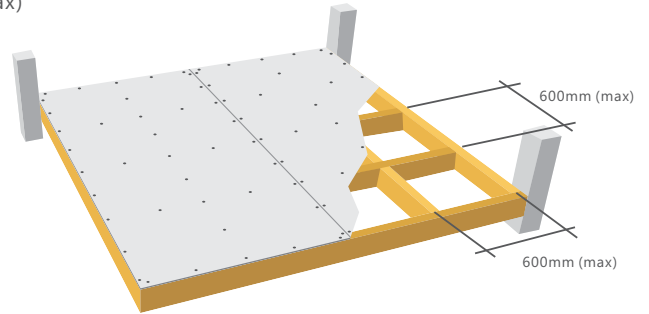
Frame Type

- Steel Frames (2.5mm thk RHS, 2mm thk C-Purlin Frames)
- Treated Wood Frames (2" x 4" / 3" x 4" / 4" x 6")

Size and span of the frames should be designed to carry the appropriate load.

Frame Spacing

- 300mm x 300mm,
- 400mm x 400mm,
- 600mm x 600mm (max)



Smooth Texture
Uncolored



Square-Cut Edge

| Item Code | Size (mm) (Thk x W x L) | Weight (Kg) | Packing (Pcs/Plt) | Texture | Profile | Color |
|-----------|----------------------------|----------------|----------------------|---------|------------|-------|
| TPI-FB15 | 15 x 1,220 x 2,440 | 66.8 | 36 | Smooth | Square-Cut | Color |
| TPI-FB18 | 18 x 1,220 x 2,440 | 80.1 | 30 | Smooth | Square-Cut | Color |
| TPI-FB20 | 20 x 1,220 x 2,440 | 89.0 | 27 | Smooth | Square-Cut | Color |

TPI plank

wood |

TPI Wood Plank are wood substitute fiber cement planks. Extremely strong yet flexible, it is ideal as wall cladding for both interior and exterior. Wood Planks are also suited for fence or gate cladding. The wood grain textures allow for near wood look for the wall, fence or gate while maintaining non-wood features such as dimension stability, termite, water and weather resistance.

| Item Code | Size (mm) (Thk x W x L) | Weight (Kg) | Packing (Pcs/Plt) | Pcs/ Sqm | Texture | Profile | Color |
|--------------|----------------------------|----------------|----------------------|-------------|---------|------------|-----------|
| TPI-WPT230 | 7.5 x 230 x 3,660 | 9.5 | 240 | 1.18 | Teak | Square Cut | Uncolored |
| TPI-WPS230 | 7.5 x 230 x 3,660 | 9.5 | 240 | 1.18 | Smooth | Square Cut | Uncolored |
| TPI-WPT12230 | 12 x 230 x 3,660 | 12.4 | 144 | 1.18 | Teak | Square Cut | Uncolored |
| TPI-WPS12230 | 12 x 230 x 3,660 | 12.4 | 144 | 1.18 | Smooth | Square Cut | Uncolored |

Siding Installation

Layout

Plank overlap at 25mm

Frame Type

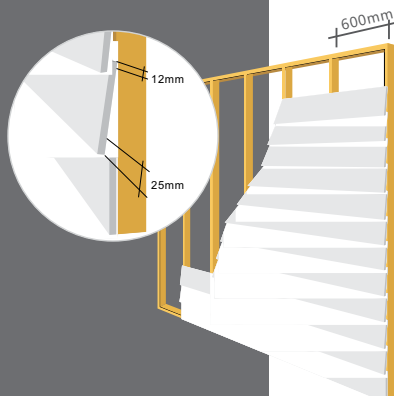
Galvanized Frames
(0.5mm thk Studs and Tracks)
Treated Wood Frames (2x4)

Frame Spacing

600mm maximum

Screw

Screw



Fence Installation

Layout

Leave gap between plank

Frame Type

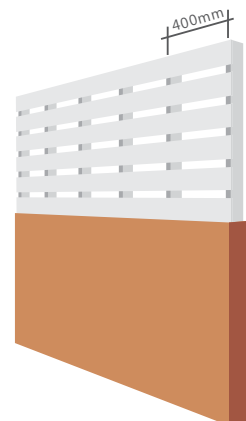
Steel frames (2.5mm thk Tubular)

Frame Spacing

400mm maximum

Screw

SF Screw (steel) spaced 400mm
or every stud spacing. Two screw
per joint



technical data

TPI Board and TPI Wood are complete mineral cement solution for your residential, commercial and institutional needs. It is certified to international standards. Refer to the table for the physical, mechanical, fire and durability properties of TPI Mineral Cement Products.

| Properties | Standard | Board | Plank |
|--|------------------|------------------------------|------------------------------|
| Physical | | | |
| Thickness Tolerance | ASTM C1185 | ± 6% | ± 6% |
| Density | ASTM C1185 | 1,300 ± 50 kg/m ³ | 1,300 ± 50 kg/m ³ |
| Water Absorption | ASTM C1185 | ≤ 35% | ≤ 35% |
| Moisture Content | ASTM C1185 | ≤ 15% | ≤ 15% |
| Mold Resistance | ASTM D3272 | Pass | Pass |
| PH Value | ISO 10390:2005 | 7-8 | 7-8 |
| Water Tightness | ASTM C1185 | Pass | Pass |
| Mechanical | | | |
| Modulus Of Rupture at Machine Direction (EMC) | ASTM C1185 | ≥ 10 MPa | ≥ 15 MPa |
| Modulus Of Elasticity on Machine Direction (EMC) | ASTM C1185 | ≥ 5,000 MPa | ≥ 5,000 MPa |
| Fire | | | |
| Ignitability | BS 476 Part 5 | Pass | Pass |
| Fire Propagation Index | BS 476 Part 6 | Pass | Pass |
| Surface Spread of Flame | BS 476 Part 7 | Pass | Pass |
| Durability | | | |
| Heat / Rain Resistance | ASTM C1185 | Pass | Pass |
| Warm Water Resistance | ASTM C1185 | Pass | Pass |
| Freeze / Thaw Resistance | ASTM C1185 | Pass | Pass |
| Soak / Dry Resistance | BS EN 12467:2000 | Pass | Pass |

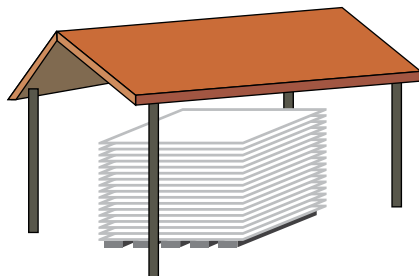
application

Tables below show the wide range of different applications TPI can be used.

| Application | Ceiling (mm) | | Wall (mm) | | | | | Floor (mm) | | |
|--|--------------|------|-----------|------|------|------|------|------------|------|------|
| | 4 | 4.5 | 6 | 8 | 9 | 10 | 12 | 15 | 18 | 20 |
| Interior Ceiling | ● | ● | | | | | | | | |
| Exterior Ceiling (Eave, Attic, Arch) | ● | ● | | | | | | | | |
| Interior Partition, Wet Area Partition | | | ● | ● | ● | ● | | | | |
| Subroof, Floor on Slab | | | | | | ● | | | | |
| Exterior Partition, Wet Area Partition | | | | ● | ● | ● | ● | ● | ● | ● |
| High Rise Building Partition | | | | | | ● | ● | ● | ● | ● |
| Underlay | | | ● | ● | ● | ● | ● | | | |
| Raised Floor, Elevated Floor | | | | | | | | ● | ● | ● |
| Weight (kg per sheet) | 17.8 | 20.1 | 26.7 | 35.6 | 40.0 | 44.5 | 53.4 | 66.8 | 80.1 | 89.0 |

storage & handling

Should be kept in a shady dry place and use 5 pieces of wooden planks with the size of 1.5" x 3" as the foundation. 4mm. boards can be piled up to 200 pieces and 130 pieces for 6 mm. boards.



The boards should be lifted on both sides horizontally and parallelly to the floor.



Fire Resistant
(Non-Combustible)



Water & Moisture Resistant



Weather Resistant



Smooth & Even Board Surface



Wide Range of texture & finish



Great Workability
(Easy to install)



Termite, Insect & Rot Resistant



Dimensionally Stable
(No Warping)



Environment Friendly



Asbestos Free

10 YEARS
NON-COMBUSTIBILITY & DURABILITY WARRANTY

TPI Cement Mineral Composite products are guaranteed for 10 years against non combustibility, termite, insect, rotting, and delaminating.

