

T-FORM

FORMWORK PLYWOOD

T-FORM is a plywood product with black-brown high-density overlay material which provides smooth and less rippling working surfaces. T-FORM is suitable for construction requiring aesthetic concrete surface.

- Cost-effective for big projects.
- For the high requirement of concrete surface.
- Meet the number of pours as expected



LEGAL SOURCE

Wood Materials

Legally sourced plantation wood.

Bonding & Formaldehyde Emission (FE)

Class 3 | EN 636:2003
E1 | EN 717-2:1995

Panel Construction

Water Resistance bonding with cross-band outer veneer layers.
Panel density $\geq 630\text{kg/m}^3$ EN 323:1993
Moisture content: $\leq 12\%$, leaving mill | EN 322:1993

Panel Surface & Performance

T FACE on 1 or 2 working sides
Panels with single working face have a raw veneer back
Alkalinity resistance
Good wear resistance (>900 revolutions on Taber test-MDO side).

Standard Sizes

1,220 x 2,440 mm, 1,250 x 2,500 mm

Size tolerance (width/ length):
+/- 1.0 mm per meter.

Squareness tolerance:
+/- 1.0 mm per meter length of diagonal

Standard Thicknesses

15mm, 18mm, 21 mm,
Thickness tolerance: ref. EN 315:2000.



Mechanical Properties

Min bending strength			
Parallel to the width of panel	N/mm ²	50	EN 310:1993
Parallel to the length of panel	N/mm ²	30	
Mean modulus of elasticity			
Parallel to the width of panel	N/mm ²	5,000	EN 310:1993
Parallel to the length of panel	N/mm ²	3,000	

Edge Color

Edges of T-FORM panel are painted blue.

Packaging

Panels are packed in crates with metal/ plastic straps, suitable for loading/ unloading by forklifts.

Thickness	Crates per container	Cubic meter per container	Maximum net weight
15 mm	14	40	28.50 metric tons
18 mm	14		
21 mm	14		

Pouring Number

T-FORM is designed for use up to 20 times (T sides, whole piece).

However, the actual number will also be affected by different factors such as storage conditions, construction methods, concrete components, as well as types of concrete and additives used during construction.

Suitability For Use And Warranty

Nothing herein constitutes a warranty expressed or implied, including any warranty of merchantability of fitness for use, nor is protection from any law or patent to be inferred.

The exclusive remedy for all claims is replacement of materials.

Other Conformities & Compliances

In case FSC certificate or others are required, contact our Sales team for further information.

Warnings

This product will generate wood dust from sawing, sanding, or shaping.

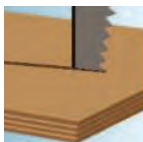
Material safety data sheets are available upon request.

Good Site Practices



Appropriate Conditions of Storage

Store panels in a dry, clean, well-ventilated, roofed area. Avoid extreme temperature and moisture. Panels must not be placed in contact with the ground. Separate crates from each other with clean, dry and strong spacers of uniform thickness, suitable for loading/unloading by forklifts.



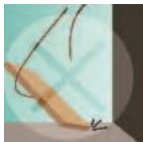
Standard Tools

Panels should be cut, shaped and drilled by using standard wood-working tools. Recommended blade diameter ~ 350 mm, thickness ~ 3.5 mm, number of teeth > 100, and rotational speed 3,000 - 3,600 rpm.



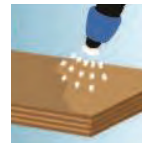
Edges & Holes Sealing

Seal resulting raw edges, holes, and all damaged areas with appropriate water-resistant/ proof paint.



Avoidance of Falls or Drops

Workers at site need to handle (carry, install, remove, etc.) panels properly and do not drop or let them fall from high levels or directly hit other materials or the ground.



Application of Release Agent.

Even though the PSF overlay contains a certain amount of release agent, it is necessary that panels should be coated with suitably approved oil to ensure a cleaner and easier striking, as well as reuse.



Reverse Side Fastening

Panels should be fastened to formwork support components from the reverse side with screws. Shank nails are not recommended.



Cleaning after Use

Formwork plywood panels should be cleaned with water after use to remove concrete residues and other sticking materials on their surface. Suitable care is required to avoid damaging panels.

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all about wood

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