EZ FORM is TEKCOM’s main-stream product line for concrete shuttering, which offers good surface performance and mechanical strength as per EN 13986 (European Standard for wood-based panels for construction uses.)

- Cost-effective solution
- Good concrete surface
- Meet the number of pours as expected

Wood Materials
Legally sourced plantation wood.

Bonding & Formaldehyde Emission (FE)
Class 3 | EN 636:2003
E1 | EN 717-2:1995

Panel Construction
Water Proof bonding with cross-band outer veneer layers. Panel density: ≥ 630kg/m$^3$.

Panel Surface & Performance
130 grams/m$^2$ of black-brown phenolic surface film (PSF) on both sides
Alkalinity resistance | AS 6669-2016
Good wear resistance (>300 revolutions on Taber test).

Standard Sizes
1,220 x 2,440 mm, 1,250 x 2,500 mm, or cut-to-size as buyer’s request.

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

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

Standard Thicknesses
12mm, 15mm, 17mm, 18mm, 21mm

Origin
Made in Vietnam.

TEKCOM is registered trademark of TEKCOM Corporation. Specifications are subject to change without prior notice.
**Mechanical Properties**

<table>
<thead>
<tr>
<th>Min bending strength</th>
<th>N / mm²</th>
<th>EN 310:1993</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parallel to the width of panel</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Parallel to the length of panel</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mean modulus of elasticity</th>
<th>N / mm²</th>
<th>EN 310:1993</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parallel to the width of panel</td>
<td>5,000</td>
<td></td>
</tr>
<tr>
<td>Parallel to the length of panel</td>
<td>3,000</td>
<td></td>
</tr>
</tbody>
</table>

**Edge Color**

Edges of EZ FORM panel are painted black.

**Packaging**

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

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Crates per container (*)</th>
<th>Cubic meter per container</th>
<th>Maximum net weight (*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 mm</td>
<td>14</td>
<td>40</td>
<td>28.50 metric tons</td>
</tr>
<tr>
<td>15 mm</td>
<td>14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17 mm</td>
<td>14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 mm</td>
<td>14</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(*): TEKCOM always loads the materials in 40HC containers (FCL).
(**): In case of different regulation, payload shall be adjusted accordingly.

**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 reusage.

- **Reverse Side Fastening**
  Panels should be fastened to formwork support components from the reverse side with screws. Shank nails are no 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.

**Pouring Number**

EZ FORM is designed for use up to 15 times (2 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. Contact the sales office for a copy of the complete TEKCOM Terms and Conditions of Sale.

**Other Conformities & Compliances**

In case FSC certificate or others are required, contact the 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.