Dokaply Hardwood MDO

Dokaply MDO form ply is a plywood with a purpleish brown medium density overlay material, which provides less wood-grain transfer or telegraphing on working surfaces. Dokaply MDO form plywood is suitable for all construction applications requiring a matte concrete finish.

> Cost-effective solution
> Markable surface
> Matte finish for coated concrete

Formwork and Scaffolding.
We make it work.

Wood Materials
Legally sourced plantation wood.

Bonding & Formaldehyde Emission (FE)
Class 3 I EN 636:2003
El I EN 777-2:7995

Panel Construction
Water Proof bonding with cross-band outer veneer layers.
Panel density: e: 630kg/m3

Panel Surface & Performance
Light-brown M DO face on l or 2 working side(s)
Panels with a single working face have a raw veneer back.
Alkalinity resistance l AS 6669-2076
Good wear resistance (>700 revolutions on Taber test - MDO side).

Standard Sizes
1,220 x 1,440 mm, 1,250 x 1,500 mm, or cut-to-size as buyer's request.
Size tolerance (width/ length): +/- 7.0 mm per meter.
Squareness tolerance: +/- 7.0 mm per meter length of diagonal.

Standard Thicknesses
15mm, 18mm, 21mm
Thickness tolerance: ref. EN 375:2000.

Number of Reuses
MDO FORM is designed for use up to 15 times number will also be

Edge Color
Edges of MDO FORM panel are painted black.

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

affected by different factors such as storage conditions, construction methods, concrete components, as well as types of concrete and additives used during construction.

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.

Mechanical Properties

Min bending strength			
Parallel to the width of panel	N/mm2	50	EN310:1993
Parallel to the length of panel	N/mm2	30	
Mean modulus of elasticity			
Parallel to the width of panel	N/mm2	5,000	EN310:1993
Parallel to the length of panel	N/mm2	3,000	

Thickness	Crates per Trucks	Cubic meter per container	Maximum net weight
15 mm	12		
18 mm	12	40	28.50 metric tons (**)
21 mm	12		

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.
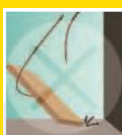
Standard Tools
Panels should be cut, shaped and drilled by using standard wood-working tools. Recommended blade diameter~ 3S0 mm, thickness~ 3.S mm, number of teeth> 100, and rotational speed 3,000 - 3,600 rpm.

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.

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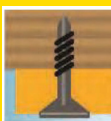
Application of Release Agent.
Even though the PSF overlay contains a certain amount of release agent, it is necessary that panels shou ld be coated with suitably approved oil to ensure a cleaner and easier striking, as well as reusage.

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

Cleaning after Use
Formwork plywood panels shou ld 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