

3-PLY SHUTTERING PANEL

Waterproof Concrete Formwork Panel | 21 mm / 27 mm

21 / 27 mm Available Thickness	500 mm Standard Width	30–50+ Typical Reuse Cycles	500–650 kg/m³ Density
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PRODUCT DESCRIPTION

LEADER 3-Ply Shuttering Panel is an engineered wood formwork panel for professional concrete construction. Made from selected spruce, pine or radiata pine and bonded with waterproof phenolic WBP / melamine adhesive, the three-layer cross-laminated structure provides strength, dimensional stability and repeated-use performance. The yellow wear-resistant coated surface supports clean, smooth concrete finishes and easy release.

TECHNICAL SPECIFICATIONS

Product name	3-Ply Shuttering Panel
Structure	3 layers cross laminated
Thickness	21 mm / 27 mm
Width	500 mm
Length	1000 / 1500 / 2000 / 2500/3000 mm; other size
Core material	Spruce / Pine / Fir; radiata pine avail
Glue	Waterproof Melamine / Phenolic WBP
Surface coating	Yellow protective / wear-resistant coat
Moisture content	8–12%
Density	500–650 kg/m³
Grade	AA / BB
Edge treatment	Waterproof sealed edges
Typical reuse	30–50+ cycles, depending on site condit

PERFORMANCE & APPLICATION

Key characteristics • High dimensional stability and low deformation • Waterproof phenolic bonding for wet-site use • Smooth melamine surface for clean concrete finish • Lightweight and easy to handle • High reusability for lower formwork cost • Strict quality control before shipment
Recommended applications Concrete wall, slab and column formwork; residential and commercial buildings; bridges, tunnels and infrastructure; repetitive concrete construction and civil engineering projects.
Handling & maintenance Store flat, dry and protected from impact. Keep panels clean after use. Use suitable release agent before pouring. Protect edges and reseal damaged edges where necessary. Inspect panels before reuse.

QUALITY & COMPLIANCE NOTE

This TDS summarizes the manufacturer's published product information. Actual production specifications, dimensions, grades and reuse performance are subject to the purchase order, agreed specification and quality inspection documents. Reuse cycles depend on concrete type, formwork design, handling, release-agent practice, cleaning and site conditions.

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