

Fact Sheet 13

OUTpform is a high-quality softwood faced formwork panel which is suitable for most visual applications. When used in conjunction with good formwork practices OUTpform achieves a class 3 off form finish as per AS 3610: 2018 for both commercial and civil construction applications.

Features and Benefits

- 100% Plantation pine
- Manufacture using hydro-electric power
- Lightweight and easy to install
- Phenolic surface film 80/220gsm face and back
- Manufactured to stress grade F14 or F17
- Capable of achieving a class 3 off-form finish on first pour per side when used in conjunction with good formwork practices and AS 3610 (subject to conditions)
- Manufacturing standard AS 6669
- Manufactured with “A-Bond” Phenolic adhesive.

Surface Finish	Phenolic Surface Film 80/220gsm
Sheet Length	2400mm
Sheet width / cover	1200mm
Sheet Thickness	12, 19, 25mm
Stress grade	F17
Veneer Species	Plantation pine
Approximate density	600 kg/m ³ ; • 21 kg/sheet for 12mm; • 33 kg/sheet for 19mm; • 43 kg/sheet for 25mm
Construction Code	12-24-5, 19-24-7, 25-24-9
Bond type	“A” Bond in accordance with AS/NZS 2098.2
EWPA Certificate	Product Certification and PEFC Chain of Custody
Manufacturing standards	AS 6669

Formply installation, storage and maintenance recommendations

- A general class 3 off form finish side in accordance with AS3610 is achievable on the first pour per side provided the following construction practices are adhered to:-
 - Test panels are recommended and should be assessed for an acceptable level of grain imprint as per AS3610.
 - Apply a release agent before and between each use to minimise grain imprinting and hydration staining.
 - Cut or trimmed panels should have the edges sealed with an acrylic paint to minimise moisture uptake.
 - 2mm expansion gap should be allowed with edge or face sealing tapes.
- Take care when using concrete vibrators to ensure that the surface of the panel is not damaged.
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- Formwork panels are to be cleaned after each use. Avoid the use of wire brushes as these can damage the surface.
- Nailing recommendations depend on the supports, panel size and load. Industry practice is to perimeter nail, 100mm from edges and 15mm from ends at 600mm centres or over joists.
- Helical nails can be used for additional hold.

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- Use of hot dipped galvanised, alloy or stainless-steel nails to prevent staining
- Attached panels to the joists to avoid movement and tight joins.
- Store panels undercover when not in use and do not wrap in plastic.
- Store panel flat of 3 supporting bearers evenly spaced to prevent panel distortion.
- PPE must be used when cutting and shaping the panels e.g. Dust mask (Class P1 particulate respirator), Dust proof safety glasses or goggles.

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