

FORMPLY

wood products **bbi**

bbi wholesales and distributes products through building supply merchants around New Zealand.

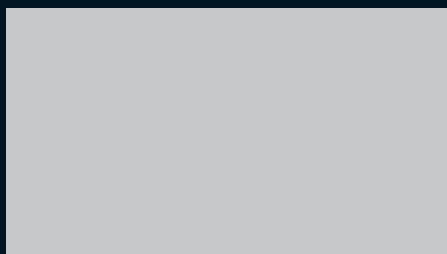
The bbi product range includes:

- Plywood
- Hardwood Decking
- Steel Fencing Standards
- SplashLine Wet Wall Lining
- Timber Weatherboards and Mouldings

Call us for advice on which product best suits your needs. We have a wealth of knowledge and experience in offering reliable, creative and cost-effective solutions tailored to the needs of the project.

Check out our website for plenty of ideas, information and photos.

SUPPLIED BY:



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ECONOFORM

NON-STRUCTURAL FORM PLY

PREMIUMFORM

EXTREME VALUE FORM PLY

SUPAFORM

EXCEPTIONAL SURFACE FINISH

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bbi FORMPLY RANGE

bbi offers a comprehensive range of form ply covering most of the market. Whether you need a low reuse rate form ply or a top-of-the-line form ply, we have it covered.



ECONOFORM NON-STRUCTURAL FORM PLY

- Economical non-structural form ply where a low reuse rate is required
- It has a poplar core with WPB phenolic glue lines
- Products should be stored under cover to avoid weather damage

SHEET SIZE	THICKNESS
2440 mm x 1220mm	17 mm



PREMIUMFORM

EXTREME VALUE FORM PLY

- Achieve concrete forming that results in a quality surface finish at competitive prices
- Allows up to 20 reuses when good care is taken while using and handling
- Overlayed with brown film of 120 mgs/m²
- 64% Phenolic resin in overlay film and 27% in MDO 350



TECHNICAL PROPOSAL FOR USE

- bbi PremiumForm is edge-sealed during manufacturing. If you have to cut during use, it is recommended that fresh edges be resealed to avoid panel damage caused by capillary penetration of humidity
- Always use the appropriate recommended chemical reactive releases for non-porous surfaces to ensure best form removal
- Although cleaning is much easier and quicker than traditional form materials, it is important to only use fibre spatulas and synthetic materials when cleaning forms to prevent damage to the faces that might occur with metallic tools
- Although it is very resistant to abrasion and impact, as with any highly finished surface, care must be taken during cleaning and use to prevent damage. Always use appropriate vibration equipment and techniques to protect the panel surface
- Panels should be stored undercover to avoid weather damage

TECHNICAL SPECIFICATIONS

Humidity	During manufacturing, panel humidity is controlled/stabilized at 8%
Quality	Has been batch tested by SCION to F14 rating
Adhesive	Is produced using phenolic resins with low-polluting emission in accordance with European E-1 norm

SHEET SIZE

2440 mm x 1220 mm

THICKNESS

18 mm

PHYSICAL AND MECHANICAL PROPERTIES

Thickness	No. of Plies	Panels/ Bundle	Weight Panel Kg	Density Grs/cm ³	MOR Kg /cm ²	MOE Kg /cm ²
18 mm	7	54	30.95	579	2,700.2	621,889

PHYSICAL TEST AND SURFACE RESISTANCE

Analysis	Norm	Results
Abrasion Index Taber I.A.T.	ASTM D 4060	42.6 mgr
Hardness Perzos	Din 53157	240 oscillations
Adherence to Traction	ASTM D 4541	19.9 kgf/cm ²



SUPAFORM

EXCEPTIONAL SURFACE FINISH

- Designed to achieve concrete forming that results in exceptional surface finishes
- Allows 30+ reuses when careful use and handling is taken
- Faces: 120 gms/m² phenolic film overlay + 235 mgs/m² MDO film overlay, with a total of 355 mgs/m² providing a high-quality face that assures water resistance and stiffness stability
- 65% phenolic resin in overlay film and 27% in MDO 350

TECHNICAL PROPOSAL FOR USE:

- bbi SupaForm is edge-sealed during manufacturing. If you have to cut during use, it is recommended that fresh edges be resealed to avoid panel damage caused by capillary penetration of humidity
- Always use the appropriate recommended chemical reactive releases for non-porous surfaces to ensure best form removal
- Although cleaning is much easier and quicker than traditional form materials, it is important to only use fibre spatulas and synthetic materials when cleaning forms to prevent damage to the faces that might occur with metallic tools
- Panels should be stored undercover to avoid weather damage
- Although panels are resistant to abrasion and impact, as with any highly finished surface, care must be taken during cleaning and use to prevent damage. Always use the appropriate vibration equipment and techniques to protect the panel surface

TECHNICAL SPECIFICATIONS

Humidity	During manufacturing, panel humidity is controlled/stabilized between 8-12%
Quality	Has been batch tested by SCION to F14 rating
Adhesive	Is produced using phenolic resins with low-polluting emission in accordance with European E-1 norm

PANEL TOLERANCES

TECO PS 1-09 Norm

Length	0 -1.6 mm (1/16")
Width	0 -1.6 mm (1/16")
Squareness	Diagonals on 4" x 8" panel must be within 1/8" (3.2 mm)
Straightness	Saw cuts must be straight within 1/16" (1.6 mm)
Thickness 9-18mm	+/- 0.4mm

GENERAL INFORMATION

1) Data obtained from TULSA panels made by TESCO USA 2006.
Density tolerance +/- 10%

Thickness	No. of Plies	Panels/ Bundle	Weight Panel (Kg)	Density Kg/m ³ [1]	Product Make-up	Facing Material
18 mm	7	54	29.1	543	Radiata Pine Veneers	Radiata Pine Veneers

PHYSICAL AND MECHANICAL PROPERTIES

Nominal Thickness	ID Code	Weight	Nominal Strengths (Limit State) per mm Width							
			Parallel to Face Grain				Perpendicular to Face Grain			
			Bending Stiffness EI	Bending Moment fz	Rolling Shear fl/Q	Axial C Compression fQA	Bending Stiffness EI	Bending Moment fz	Rolling Shear fl/Q	Axial Compression fQA
mm		Pa	kNmm ²	Nmm	N	N	kNmm ²	Nmm	N	N
18	18-24-7	93	3,084	937	24.0	218	1,365	535	20.0	150