

Dubai Festival City > Gateways Towers, Dubai > The Gate, Abu Dhabi > BurJuman Shopping Centre, Dubai > Central Plaza Tower, Hong Kong > Chi Mei Bridge, Taiwan > Siam Commercial Complex, Bangkok > Singapore Airlines Tower, Singapore > My Thuan Bridge, Vietnam > PB Com Tower, Manila > Di Wang Tower, China > High Speed Rail Line, Korea.

# Armourform Formply



Actual reuse example: 76 pours – Lift Wells, Rose Tower, Dubai

- > **Maximum reuse**
- > **Outperforms all others**
- > **Strong and durable**
- > **Manufactured to highest standards**

**Big River**

# Armourform F27 by Big River – World’s most durable formply

## Armourform by Big River

Armourform F27 is a premium quality, hardwood formply manufactured from Australian hardwood eucalypt species such as Blackbutt and Spotted Gum.

Armourform F27 is extremely strong, stiff and durable. It outperforms other formplys in all respects. Its superior spanning capability makes it ideal for fixed formwork applications (tableform, jumpform, shutters, heavy engineering, mining).

The dense eucalypt timbers used in Armourform, combined with the unique manufacturing process, ensure very high resistance to impact and concrete abrasion.

## Resin-coated for high reuse

Armourform F27 formply is coated with a high-density phenolic resin (120 gsm) that ensures the highest quality off-form finish and maximum reuse. With proper care, it consistently achieves up to 60 or more castings.

## Internationally proven

Armourform F27 has been used throughout the world on many prestige projects, including high-rise buildings, bridges, wharves and major civil engineering projects.

## Quality control

All Big River formwork products are certified by the Plywood Association of Australia (PAA). Products carrying the PAA stamp are manufactured and product certified to relevant Australian and New Zealand Standards under the PAA’s third party audited quality control program.

The PAA Quality Control Program and Product Certification Scheme is accredited by the internationally recognised Joint Accreditation System – Australia and New Zealand (JAS-ANZ).



Product shipped in flat rack

## Eco-friendly formwork

The eucalypt timber species used in Armourform occur abundantly in plantation and managed regrowth forests located close to the Big River factory. These forests are managed on a sustained yield basis by State Forests of New South Wales, Australia, who are recognised as world leaders in forest management.

## Specifications

<b>Sheet Sizes</b>	2400mm x 1200mm 1800mm x 1200mm
<b>Thickness</b>	Nominal 17mm (7-ply)
<b>Adhesive</b>	B Bond Exterior Resin (Australian Standard 2271)
<b>Density</b>	940 kg/m <sup>3</sup> to 980 kg/m <sup>3</sup> (varies with species)
<b>Edge Seal</b>	Water-resistant edge sealing paint
<b>Coating</b>	120 gsm high density phenolic resin impregnated paper
<b>F Rating</b>	Stress graded in accordance with Australian Standard 2269 (Structural Plywood) Suitable for Grade 2 finish

## Basic Working Stresses & Elastic Moduli (MPa)

Comparison of Armourform F27 hardwood formply and lower grade F14 formply

Stress Grade	Bending (Fb)	Tension (Ft)	Shear (Fs)	Compression (Fc)	Modulus of Elasticity (E)	Modulus of Rigidity (G)
F27	27.50	16.50	2.30	20.60	18500	925
F14	14.00	8.40	2.05	10.50	12000	625

These properties ensure maximum savings in plywood, support systems and labour

## Big River Group

PO Box 281 Grafton NSW 2460 Australia  
export@bigrivergroup.com.au  
www.bigrivergroup.com.au

