

# PLANET

*Acoustics & Architecture*



Melville SHS Performing Arts centre

## *FlameShield*

*NonCombustable  
Acoustic Wall / Ceiling panels*



**New Factory & Showroom.**

60 Belmont Avenue  
Rivervale 6013

Tel: +61 8 6885 5300

Mobile 0433 486 499

Email:enquiries@paa.net.au

[www.paa.net.au](http://www.paa.net.au)

# What is FlameShield Panel?

**FlameShield** is a Lightweight magnesium oxide sheet. The material primarily consists of recycled timber (35%), reinforced fiberglass, Perlite and Magnesium cement. No other wall lining has all these features in the one product.

Therefore, **FlameShield** magnesium board has different properties from other wall and ceiling panels. **FlameShield** Magnesium board Produced with high technology Through chemical processes and High pressure steam treatment Using non-toxic materials And not harmful to the body 100% Asbestos Free and Non-Toxic and no harm to the environment.

PAA's non-combustible range of internal magnesium-oxide (MgO) wall linings is suitable for the construction of high performance walls, providing high fire and acoustic performance in a single layer application.

- \* 30% Lighter than traditional CFC boards
- \* Available in Black / White core with selected woodgrain or V700 paint finishes
- \* Resistant to water, fire, humidity, termites, weevils, insects and all types of weather
- \* Non Combustible
- \* Does not contain asbestos
- \* No toxic substances





## AU/NZ STANDARDS

Meets deemed-to-satisfy provisions of the National Construction Code (NCC)

Complies with the relevant deemed-to-satisfy provisions of the Building Code Australia (BCA)

Classification Type - Tested to the strict requirements of AS 2908.2:2000

High fire performance – Tested to strict requirements of AS 1530.4

Non Combustible – Tested to strict requirements of AS1530.1

High performance testing of ignitability, flame, propagation, heat and smoke release – tested to strict req AS 1530.3 Safe method of smoke release – tested to strict requirements AS 3837

Organic emissions - tested to strict requirements ASTM D5116

Safe release of Gas Analysis method - tested to strict standards EN717-2

High acoustic performance - Tested to strict requirements of AS 1191

Thermal - Tested to strict requirements of AS/NZS 4859.1

UV tested in accordance with the CSIRO to strict standards of ASTM G154

Water penetration tested in accordance with the CSIRO to strict standards of ASTM E514-03

Termite proof, Mould/bacteria resistant

Environmentally sustainable (with recycled content, low embodied energy)

No health risk from dust residue during installation (no crystalline silica or asbestos)



Planet Acoustics & Architecture are manufacturers of Prefinished cladding, Acoustic/Decorative ceilings, Feature walls and on site solution providers based locally in Perth WA.

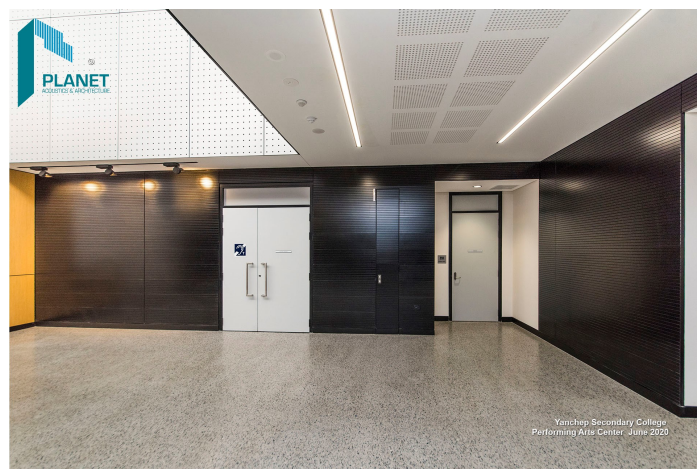
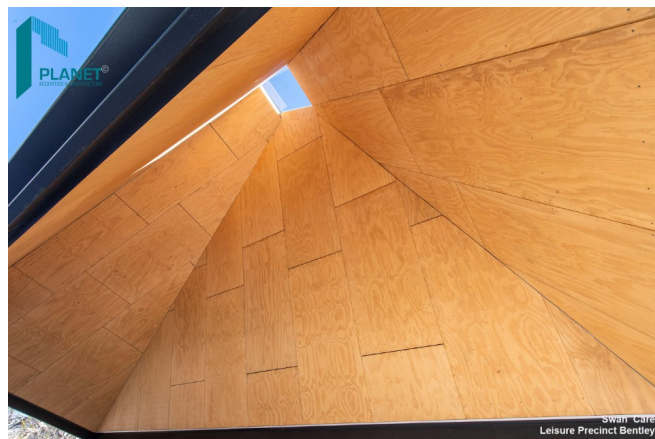
We offer a full service including installation, from project inception to completion, cradle to grave, Our team of consultants are interacting directly with your team to bring your vision to life

Ensuring quality and excellence throughout the entire build cycle and beyond working with building management/ owners to ensure continued satisfaction for you and your clients.

Please do not hesitate to contact us on 0433 486 499 for further information, samples or to book a tour of our facility.

## PAA Product Range:

- ThruColor® CFC
- LumiClad Graphics Range ® CFC
- LumiClad® CFC
- LumiLux® FC
- SonaBreak®
- PAA Timber Slats
- WoodEdge® Panels
- PAA Metals Range
- AluWood® ( Aluminum Wood Cladding)
- SoundWood® (woodwool panels)
- Alu Loop ®
- PolyPanel®( Acoustic Fabric)
- PAA Rockwool
- Anti-Flame® Sarking
- Rain Shield® (rain barrier)
- Flame Shield® (Non-combustable wall lining)



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