

PLANET

Acoustics & Architecture



Yanchep Secondary College
Performing Arts Center June 2020

LumiClad

Prefinished CFC Cladding



Made in Western Australia



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

Design your Panels

1. Select preferred size

Available in the following thicknesses :

18 mm
9 mm
6 mm
4.5 mm



1200x3000



1200x2700



1200x2400



Custom size available

2. Select preferred colour

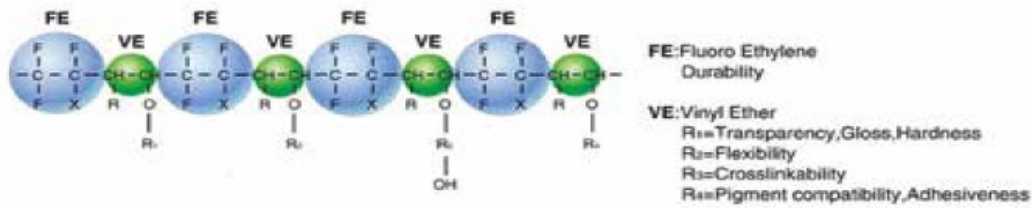
LumiClad is available to suit any Colour. Dulux, Tubmans, Pantone, PDVF or RAL

For more information. Kindly contact a PAA Consultant for more information.



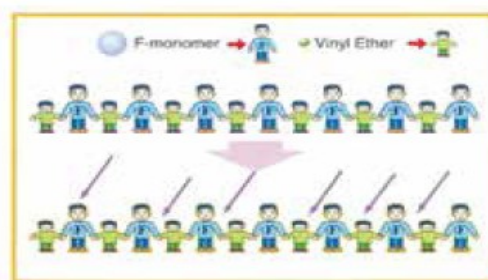
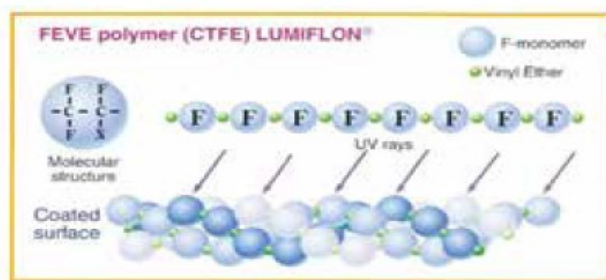
What is Fluoropolymer Technology?

The polymeric structure of a Fluoropolymer is a very systematic arrangement of fluoro-ethylene and vinyl-ether molecules. This image demonstrates the arrangement, and also shows that each fluoro ethylene molecule has 3 fluorine atoms as opposed to two in PVDF or PVF2 coatings.



Why is Fluoropolymer so durable?

1. The fluoroethylene molecule derives high integral strength from its high frequency of fluorine atoms
2. The carbon-fluoride bond energy in fluoroethylene molecules is far greater than the energy of UV rays
3. The fluoroethylene and vinyl ether units are arranged in an alternating sequence – this means that the strong and stable fluoroethylene unit protects its neighbouring vinyl ether unit – just like the father protecting his son below



Aesthetics

Vitreflon coatings offer a virtually unlimited range of colours including metallic and pearl finishes for a standout architectural finish. Gloss levels available range from a high gloss right down to a completely matt finish, catering for vast architectural expression.

And one of the best features of Vitreflon, it continues to look great year after year!

Architects, engineers, specifiers and asset owners choose Vitreflon because it provides them with the ability to achieve great finishes and gives them the confidence in coating performance with little or no major maintenance throughout the life of the coating – estimated at up to 60 years!



Commercial Building after 15 years

Building: NAB Bank Headquarters

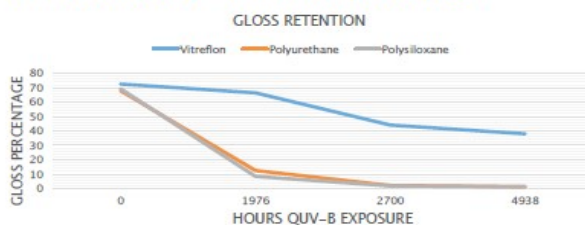
Where: Docklands Melbourne

When: 2002

Age: 15 years

This building is within metres of the coastline and uses Vitreflon in the colours most prone to fading (Bright Blue, Red, Orange and Purple). 15 years later there has been less than 10% colour change according to an independent inspection and test report by CSIRO.

AS 1580 Methods 481.1 – 12



HOURS QUV-B EXPOSURE	GLOSS PERCENTAGE		
	VITREFLON	POLYURETHANE	POLYSILOXANE
0	72.5	67.9	69.1
1976	66.5	12.5	8.5
2700	44.1	2.2	1.9
4938	37.9	1.3	1.2

QUV-B (ASTM D4587)

PAA Product Range:

LumiClad® CFC

LumiClad Graphics Range ® CFC

ThruColor® FC

LumiLux® FC

SonaBreak®

PAA Timber Slats

WoodEdge® Panels

Flame Shield® (Non-combustable wall lining)

PAA Metals Range

Alu Loop ®

AluWood® (Aluminum Wood Cladding)

SoundWood® (woodwool panels)

PolyPanel®(Acoustic Fabric)

Rain Shield® (Rain barrier)

PAA Rockwool

Anti-Flame® Sarking

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.



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