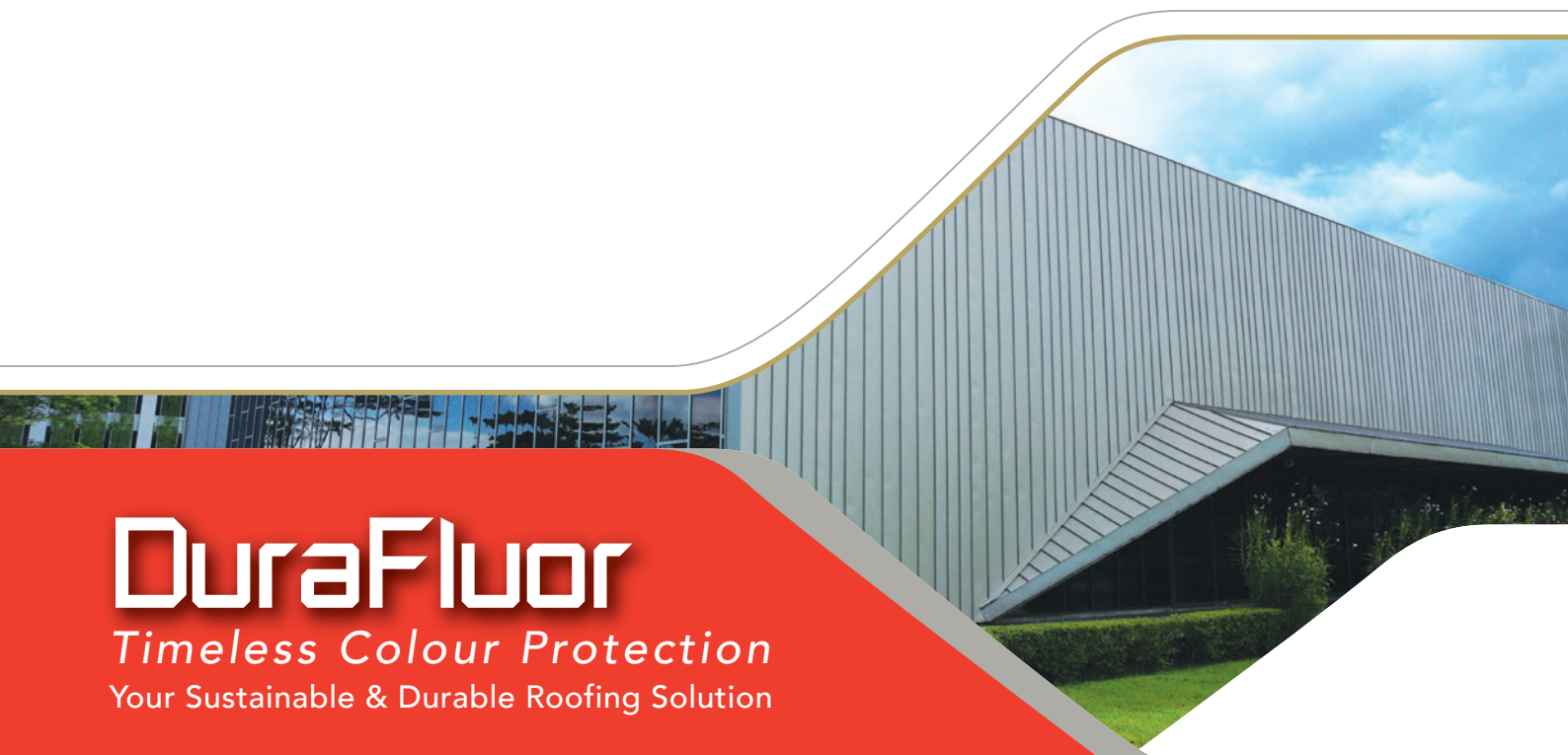


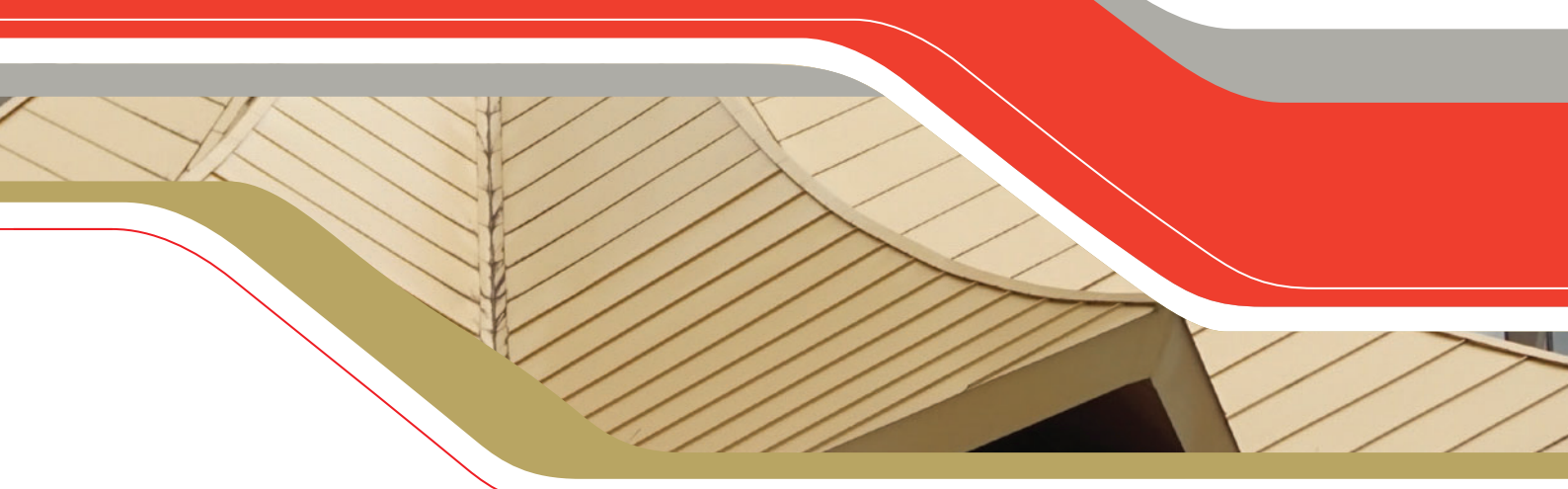
# AmcanColors

*For all Seasons*



## DuraFluor

*Timeless Colour Protection*  
Your Sustainable & Durable Roofing Solution



*Dedicated to Quality Excellence*

# Dreams that don't fade



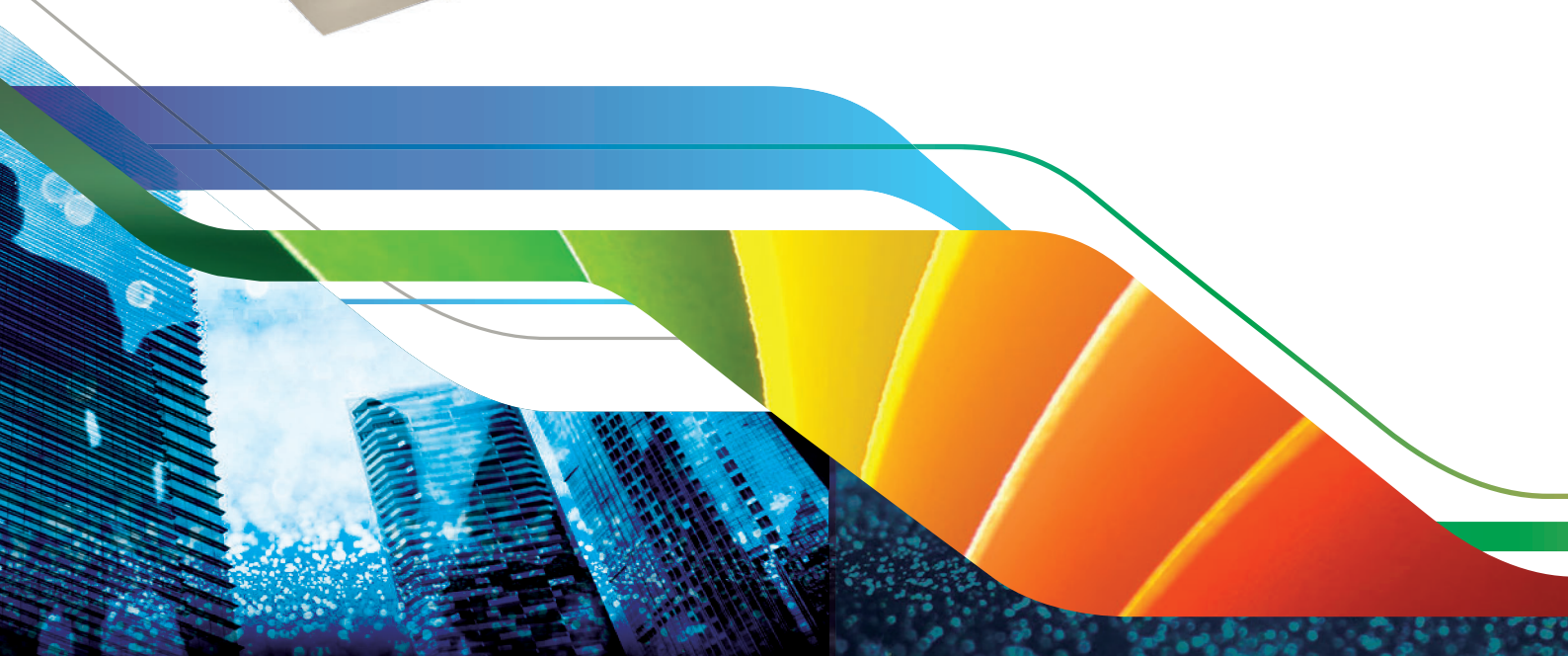
Cityscapes are constantly evolving. Buildings have become expressions of art, ideas and aspirations. Building construction requirements and materials have evolved to meet new specifications.

Polyvinylidene fluoride (PVDF) is the coating of the future. This amazing architectural coating - applied by coil coating or spraying, lends beauty and design flexibility and yet ensures durability.

DuraFluor protects the underlying substrates even in harsh conditions, resulting in prolonged lifespans of the facades.

DuraFluor meets international specifications AAMA 2605 for superior performing inorganic coatings applied to architectural products.

When the success of your project counts on quality, you can count on DuraFluor to deliver.



APPLICATION		
SPECIFICATIONS	TEST	RESULT
Pretreatment	Standard clean and treat	Chrome or approved non-chrome
ASTM D 4138	Dry Film Thickness	Top coat: 20µm Primer: 5µm Total: 25µm
ASTM D 4212	Viscosity (No. 2 Zahn cup)	25 to 45 seconds
ASTM D 1475	Weight Per Gallon	9.0 to 12.0 pounds per gallon
ASTM D 2697	Solids Per Volume	35 to 42%
ASTM D 2369	Solids Per Weight	45 to 65%
Reducing Thinner	Reducing Solvent	Isophorone / DBE
ASTM D 3960	VOC (Theoretical)	4.0 to 4.8 pounds per gallon
Clean-up Solvent		Aromatic/Ketone
Peak Metal Temperature		465 to 485F

## Coil Coating System

# Shades of excellence

Colours bring a building to life. Now a building can take on practically any colours on its facade.

DuraFluor consists of Kynar 500® or Hylar® 5000 brands of PVdF resin that acts as a binder to the colour pigments. The long-lasting inorganic colour pigments used ensure excellent exterior gloss and colour retention, giving buildings their own identity and distinctive beauty.

With more than 15 weathering test sites throughout the world, DuraFluor coating is subjected to long-term outdoor exposures and rigorously tested to assess their corrosion resistance and aesthetic performance.

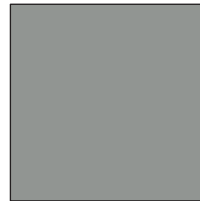
Light and bright, or deep and dark, the choice of colour are yours and DuraFluor makes it beautifully possible.



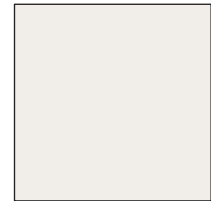
*\* Colour shown are as close to actual colours as allowed by the printing process. Please contact us for actual metal samples.*



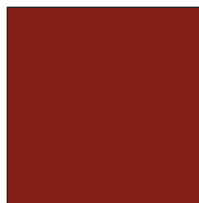
Charcoal



Old Town Gray



Polar White



Colonial Red



Burgundy



Forest Green

TECHNICAL DATA		
SPECIFICATIONS	TEST	RESULT
ASTM D 523	Specular Gloss at 60	6 to 35
ASTM D 3363	Pencil Hardness	F to 2H
ASTM D 4145	T-Bend	1T to 4T with no loss of adhesion
ASTM D 3359	Cross Hatch Adhesion	No loss of adhesion
ASTM D 2794	Reverse Impact	Galvalume or HDG: 3x metal thickness inch-pounds, no loss of adhesion Aluminum: 1.5x metal thickness inch-pounds, no loss of adhesion
ASTM D 2247	Humidity Resistance 1,000 hrs. Humidity Resistance 3,000 hrs.	Galvalume or HDG: Creep from scribe < 1/8 inch (3mm), no field blistering Aluminum: Creep from scribe < Creep from scribe < 1/8 inch (3mm), no field blistering
ASTM B 117	Salt Spray Resistance 1,000 hrs. Salt Spray Resistance 3,000 hrs.	Galvalume or HDG: No Blistering Aluminum: No Blistering
ASTM D 2244 ASTM D 4214	South Florida Exposure	Color: No more than 5 Hunter (E) units Chalk: Rating no less than 8
ASTM D 870	Water Immersion 100F 500 hrs.	No Field blisters with minimal color change
ASTM D 1308	Chemical Resistance (15 mins)	No significant color change
ASTM E 84	Flame Spread Classification	Class I or A
ASTM D 968	Abrasion Resistance	Total Sand = 65 +/- (Dft dependent)





# DuraFluor

**DuraFluor** coatings system uses licenced Kynar and Hylar PVDF Fluoropolymer technology which is ultra resistant to U.V. radiation and natural weathering. **Durafluor** uses only the highest quality long lasting ceramic and metallic pigmentation to insure optimal exterior colour fastness and longevity. This system also available in multiple coats and various specialty high build systems.



[www.amcan.com.my](http://www.amcan.com.my)



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