

High Performance Membranes

Including Armour Flex, our most advanced high performance elastomeric membrane, Ever



- › Heavy-Duty
- › High Build
- › Water Repellent
- › Vapour Permeable
- › Dirt and Mould Resistant
- › Superior Crack-Bridging



Building substrates expand, contract and move.

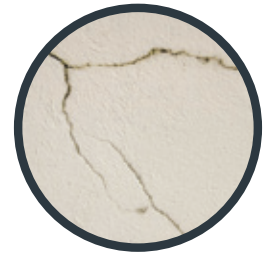
Architectural coatings must cope with this, and weather the weather too.

This is why we developed Armour Flex, our most advanced high performance elastomeric membrane coating. Ever.

Armour and Armour Flex are heavy duty, flexible, high-build elastomeric coatings formulated specifically for the harsh Australian climate.

Exceptional dry-film thickness and flexibility combine to deliver superior crack-bridging capabilities.

Warranted performance and durability make Armour and Armour Flex a vastly superior option to standard exterior paint and alternative standard membranes.



CRACKING FROM WEATHER, EXPANSION, CONTRACTION AND MOVEMENT

Armour and Armour Flex can be used to give the ultimate performance finish to Rockcote Acrylic Texture Coatings and Rockcote Coloured Render Systems.

They also deliver a naturally beautiful alternative to much thinner standard paints for residential and commercial properties, and are particularly suitable for highrise developments, commercial and residential repaints and properties requiring easy maintenance.



- › Formulated for superior protection from Australia's harsh climatic conditions and weather with very highwater resistance and weather proofing properties.
- › Vapour permeable. Allows trapped moisture in the substrate beneath to 'escape', lowering risk of failure and reducing rectification costs.
- › Seals and protects textured coatings.

- › Formulated to retain maximum flexibility without the addition of cheap plasticisers.
- › Provides outstanding resistance to dirt, mould and fungi.
- › Provides for easy cleaning and maintenance; great for high rise developments and body corporate managed property units.

Understanding Crack-Bridging Performance.

The best protection against cracking requires both thickness and flexibility.

Rockcote Armour and Armour Flex High Performance Membranes are formulated for both thickness and flexibility and as a result deliver outstanding crack-bridging capabilities.

Dry-Film Thickness



Crack-Bridging Ability
(Multiple Of Dft)



Theoretical Crack-Bridging Potential*

	DRY-FILM THICKNESS (DFT) PER COAT	CRACK-BRIDGING ABILITY Ability to 'stretch' as a percentage of DFT	CRACK-BRIDGING POTENTIAL* ON A 2-COAT APPLICATION
Rockcote ARMOUR FLEX	165 microns (0.165 mm) <ul style="list-style-type: none"> • 6.6 x thicker than standard paint • 2.2 x thicker than elastomeric membrane 	8.9 x DFT <ul style="list-style-type: none"> • 78% x more than standard paint³ • 45% more than elastomeric membrane¹ 	2,940 microns (2.94 mm) <ul style="list-style-type: none"> • Over 11 x wider than standard paint³ • Almost 2 x wider than elastomeric membrane¹
Rockcote ARMOUR	86 microns (0.086 mm) <ul style="list-style-type: none"> • Over 3.4 x thicker than standard paint³ • 14% thicker than standard membranes² 	7 x DFT <ul style="list-style-type: none"> • Up to 7 x more than standard paint³ • 6% more than standard membranes² 	1,200 microns (1.2 mm) <ul style="list-style-type: none"> • Up to 6 x wider than standard paint³ • 21% wider than standard membranes²
Commonly Used Alternative Elastomeric Membrane¹	125 microns (0.125 mm)	6.1 x DFT	1,530 microns (1.53 mm)
Commonly Used Alternative Standard Membrane²	75 microns (0.075 mm)	6.6 x DFT	990 microns (0.9 mm)
Commonly Used Standard Exterior Paint³	Typically 25 microns (0.025 mm)	Up to 4 or 5 x DFT	Up to 250 microns (0.25 mm)

*As indicated in independent Static Tests AS/NZS 4548.5:1999. Note that AS/NZS 4548.5:1999 F5.2 states Crack Bridging Ability = Crack Width/Film Thickness. Note that these are 'laboratory-tests'. Many other factors affect real world performance and experiences. Results are for laboratory test comparative purposes only.

Rockcote.

Naturally Beautiful.
Whatever the colour.



Like Rockcote's Coloured Render Systems and other architectural coatings, shown above, Rockcote Armour and Armour Flex High Performance Membranes can be tinted to match any colour; there are literally limitless choices.

For best performance, consult rockcote on **1300 736 668** to determine what colours best suit your substrate (different substrate materials behave differently - for the ultimate colour fastness and performance colour choices need to be optimised with substrate materials).

