



Roofing Applicator System

Features and Benefits

- Protective membrane
- UV resistance
- Drinking water safe
- Solar reflectance
- Crack bridging
- 10 year material warranty

- Resists pollution
- Chemical attack
- Minimise dirt retention
- Formulated with premium pigmentation to withstand effects from the harsh sun
- Safe collection of potable drinking water
- Cool Roof minimises heat absorption
- 5 times Dry Film Thickness (DFT) expansion over dynamic cracks
- Peace of mind

Why use a Dulux AcraTex membrane instead of paint to PROTECT your roof?



One of the most important characteristics of a roof coating is its ability to expand and contract without breaking down or delaminating.

Substrates move when heated and cooled, a process which occurs every day. If a coating does not match the movement it will either split/crack or separate from the substrate. In both cases this failure will result in moisture entering the substrate below the coating and the ultimate failure of the coating.

The two critical factors in a coating's ability to accommodate this movement are elongation and tensile strength, both of which are enhanced by Dry Film Thickness.

As the table below shows, a membrane clearly outperforms paint as it has greater thickness per coat and more "elasticity".

When comparing coatings view "apples with apples". If it is a true membrane (from a recognised supplier) compare the test results from independent authorities to determine its suitability.

Another important characteristic of a membrane is its ability to "breathe", allowing water vapour to escape from the substrate without allowing water to penetrate the coating.

Characteristic	Next Generation Roof Membrane	Typical Low Film Build Paint
Dry Film Thickness (per coat)	67 microns	25 microns
Elongation	310%	Fair*
Tensile Strength	2.3mPa	Fair*
Crack Bridging	5 x DFT	Poor*
Water Transmission	<1g/24h//m ² kPa	Poor*
Water Vapour Transmission	51.9g/24h/m ²	Poor*
Carbon Dioxide Diffusion	R=393m	Poor*
Chloride Ion Diffusion	9.7 x 10 ⁻¹⁰ cm ² /sec	Poor*

* Important Note: Test results often quoted at higher than actual film thickness.
Compare relative data at actual applied film thickness.

Dulux AcraTex

Next Generation Roof Membrane

Performance Pedigree



All Dulux AcraTex premium quality products are manufactured to exacting specifications.

All the products in the Dulux AcraTex Next Generation Roof Restoration System are manufactured under the following stringent certifications:

Manufacturing Facility: AS/NZS ISO 9001:2000 accreditation
APAS accredited plant
NATA certified laboratory to ISO Standard ISO/IEC 17025
AS/N25 ISO 14001

R&D in world class ISO, QS and NATA Accredited Research Laboratories





Clean/dirty section



Cracked dirty tile



Dirty roof



Failed pointing & bedding

Condition of Roof



Pressure cleaning



Tiles cleaned

Roof Cleaning



Rebedding



Repointing



Repointing



Repointing completed

Roof Preparation



Applying Prep-treat



Applying Prep-treat to nosings

Applying Prep-treat



Applying sealer/primer



Applying first coat Next Generation Roof Membrane

Applying Sealer/Topcoat



Applying second topcoat Next Generation Roof Membrane



Second topcoat (close up)



Applying second topcoat Next Generation Roof Membrane

Applying Second Topcoat



Dirty roof



Weathered roof

Metal Roofing Condition



Pressure cleaning 3000 PSI



Applying Primer MX

Metal Roofing Preparation

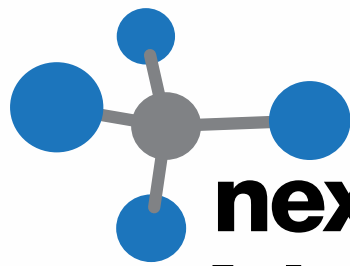


Applying Cool Roof



Completed roofing

Metal Roofing Result



next generation

T E C H N O L O G Y



Easier spray application
Longer lasting gloss
Looks good for longer



The next generation in roof coatings is here

THE NEW DULUX ACRATEX ROOF MEMBRANE formulation takes roof restoration to a whole new level offering better looking, longer lasting results.

Roof Membrane NEXT GEN Technology is easier to apply giving Roof Painters what their customers want - a great finish that lasts longer, backed by Dulux.

It's the ultimate roof protection with three new advancements



Easier spray application

The new formulation gives a high build finish for great looks and better durability.

Easier to apply with less strain on equipment.



Longer lasting gloss

Roof Membrane NEXT GEN stays glossy for longer.

Check our test results below.



Looks good for longer

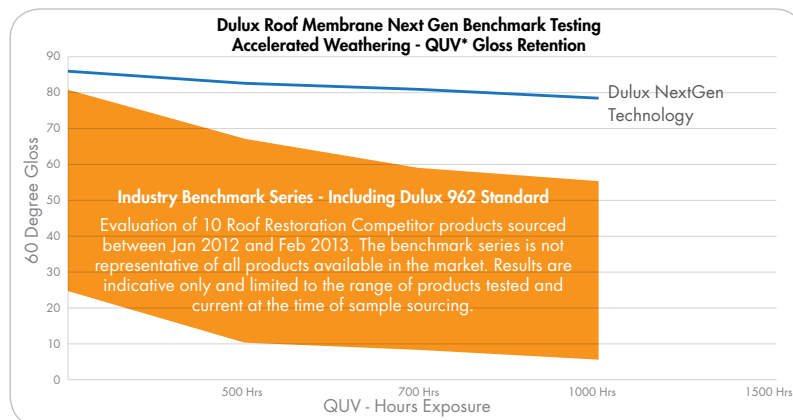
Colours stay true for longer due to less chalking and longer lasting gloss.

Next Generation Technology

Dulux AcraTex has developed enhanced ROOF MEMBRANE technology to support our Professional Roof Restoration Customers. Our research shows measurably better gloss and greater resistance to chalking leading to a more durable finish and appearance.

- Cross Linking Polymer Structure for lasting gloss and less chalking.
- Enhanced rheology means easier to apply, higher initial gloss and better finish.

*QUV Testing is Accelerated Laboratory Weathering testing typically used to assess formulation benefit and allow like product benchmarking under controlled (harsh) conditions. Whilst QUV Testing is useful in comparing potential product performance and has been shown to provide consistency generally to Natural Weathering trends, it should be noted that variability's such as sampling and real life exposure conditions including location, Orientation and localised Weather conditions may lead to variation in results.



Roof Membrane NEXT GEN systems for various Roofing Surfaces



Concrete tiles



Zincalume roofing



Corrugated iron

For further information go to acratex.com.au
Dulux Customer Service: 13 23 77

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