

**Dulux**<sup>®</sup>

**Acratex**<sup>®</sup>

# Roof Application Guide

Prepare | Treat | Restore



Worth doing, worth Dulux.<sup>®</sup>

# DULUX® ACRATEX® ROOF APPLICATION GUIDE

Dulux Acratex provides a comprehensive range of roof primers, sealers and membranes tailored for professional roofing applicators.

Whether you're restoring concrete tiles, terracotta tiles or metal roofs, our systems deliver exceptional durability, ease of application and a finish your customers will appreciate.

## CONFIDENCE BACKED BY DULUX ACRATEX

Give your clients peace of mind, with up to a 15 year warranty<sup>^</sup> when you follow the Dulux Acratex Roof Application Guide, Care & Maintenance Guide Roofing and Dulux DuSpecPlus® specifications.



The warranty period for the Dulux Acratex Roof Coating Material Warranty will vary depending on the system being applied, which may require 2 or 3 coats depending on the roof condition and substrate. The warranty is subject to the conditions in the Warranty Certificate. Please scan the QR Code for more information.



The Dulux Acratex Roof Application Guide presents a coating system-based approach designed to protect and extend the life of residential, small and large commercial roofing projects.

This guide is an essential roof coating resource for professional roofing applicators, providing:

- Step-by-step application processes for coating concrete tiles, terracotta tiles and metal roofs.
- Detailed product specifications to guide correct coating selection and system compatibility.
- Best-practice techniques for optimal coating performance, and safety when applying our products.

## REMEMBER!

Refer to Dulux DuSpecPlus for detailed product specifications & safety guidelines.



## PRE JOB CHECKLIST



### THE RIGHT PRODUCTS

Every roof in Australia is different. Please follow this simple guide to ensure you have the correct products to deliver the best possible roof restoration.



### CARE REQUIRED

Glazed terracotta tiles are extremely slippery and the utmost care must be taken when walking on them, the use of anti slip shoes is recommended. Terracotta tiles are extremely delicate and are prone to shattering, extreme care is required when walking on them.



### DISCONNECT DOWNPIPES

Prior to restoration disconnect downpipes which are connected to rainwater tanks or direct water into garden bed or lawn. Following the coating application leave downpipes disconnected for at least two significant rains or wash the roof after three weeks of curing.



### CROSS HATCH ADHESION TEST

Cut a small cross hatch through existing paint with sharp blade. Press cellulose tape firmly across cut and rip tape off. If paint comes off, it is unsound and should be removed. Repeat test at random across painted surface to test soundness of area.

<sup>^</sup> A warranty of up to 15 years covering film integrity, peeling and cracking is available for Roof Membrane products. For some products, applicable warranty periods will depend on number of coats applied or the product's use as a part of a system. All warranties are subject to the conditions set out in the applicable warranty document, including application by a professional roofing applicator in accordance with instructions. For details on specific warranty terms, please visit [www.dulux.com.au/acratex-warranty](http://www.dulux.com.au/acratex-warranty) or call Acratex customer service on 13 23 77.



## PREPARATION

 <b>REPAIR</b>	Replace any cracked, chipped or faulty tiles, reset any displaced tiles and ridge capping, and rebed where required. Check valley irons for corrosion or rust and replace as required.
 <b>CLEANING</b>	High-pressure wash with a minimum of 4000+ PSI and a flow of 15-23 litres per minute with a turbo head/nozzle to remove dirt, excess grime, lichen, moss and other contaminants. <b><sup>1</sup>PREVIOUSLY PAINTED SURFACES:</b> High-pressure wash with a minimum of 4000+ PSI at 15-23 litres per minute with a turbo head/nozzle to achieve a satisfactory clean surface before application commences. Multiple passes may be required to effectively remove previous coatings. Note: Allow the roof surface to completely dry between 1st and 2nd pressure wash, prior to the application of new coatings. Any remaining paint film should be checked using the cross hatch adhesion test to determine if coating is sound prior to coating – Refer to data sheet for full details. <sup>2</sup> <sup>1</sup> A previously painted roof can be re-coated. However, due to the variable nature and adhesion of the existing coating, Dulux Acratex will not provide a warranty on our products when applied to a previously painted substrate.
 <b>POINTING</b>	Repoint using <b>Dulux Acratex Roof Pointing</b> .
 <b>STERILISING</b>	Fungal & algae spoilage must be completely destroyed before re-coating by using <b>Dulux Acratex PrepTreat</b> . Apply <b>Dulux Acratex PrepTreat</b> and allow a minimum of two hours to dry. Note: <b>Dulux Acratex PrepTreat</b> is suitable to leave on your roof substrate - no further washing required.

<sup>2</sup> It is the responsibility of the contractor, prior to applying the products, to ensure that the roof is properly prepared in accordance with relevant Dulux Acratex specifications. Failure to properly prepare the surface may impact the coating system's performance.

## PRIMERS, SEALERS & MEMBRANES



What condition are the **Concrete Tiles** in?

CONDITION	PRIMERS & SEALERS
Powdery/ previously painted	<b>Dulux Acratex Roof Sealer SB</b>
Non powdery, good condition some colour remains	<b>Dulux Acratex Roof Sealer WB</b>
Pitted/aged no colour left	<b>Dulux Acratex Roof Primer Surfacer</b>

Preferred Finish

MEMBRANES	
<b>Dulux Acratex Roof Membrane GLOSS</b> 2 coats	<b>Dulux Acratex Roof Membrane SATIN</b> 2 coats



What condition are the **Terracotta Tiles** in?

CONDITION	PRIMERS & SEALERS
Uncoated sound, weathered glazed and unglazed terracotta roof tile <b>Not suitable for aged or crumbling tiles</b>	<b>Dulux Acratex Terracotta Roof Primer</b>

Preferred Finish

MEMBRANES	
<b>Dulux Acratex Roof Membrane GLOSS</b> 2 coats	<b>Dulux Acratex Roof Membrane SATIN</b> 2 coats





## PREPARATION

	<b>REPAIR</b>	Ensure all screw and nail fixings are fixed correctly. Replace all rusted screws and any faulty sheet or valley irons as required.
	<b>CLEANING</b>	<p>High-pressure wash with a minimum of 4000+ PSI and a minimum flow of 15-23 litres per minute with a turbo head/nozzle to remove dirt, excess grime, lichen, moss and other contaminants.</p> <p><b><sup>1</sup>PREVIOUSLY PAINTED SURFACES:</b> High-pressure wash with a minimum of 4000+ PSI at 15-23 litres per minute with a turbo head/nozzle to achieve a satisfactory clean surface before application commences. Multiple passes may be required to effectively remove previous coatings.</p> <p>Note: Allow the roof surface to completely dry between 1st and 2nd pressure wash, prior to the application of new coatings. Any remaining paint film should be checked using the cross hatch adhesion test to determine if existing paint is sound prior to coating – Refer to data sheet for full details.<sup>2</sup></p> <p><sup>1</sup>A previously painted roof can be re-coated. However, due to the variable nature and adhesion of the existing coating, Dulux Acratex will not provide a warranty on our products when applied to a previously painted substrate.</p>
	<b>RUST REMOVAL</b>	Use a power tool or wire brush to clear all loose or flaking rust, where applicable. Then clean down with a broom or blower to remove all rust contamination or loosely bound material.

<sup>2</sup> It is the responsibility of the contractor, prior to applying the products, to ensure that the roof is properly prepared in accordance with relevant Dulux Acratex specifications. Failure to properly prepare the surface may impact the coating system's performance.

## PRIMERS, SEALERS & MEMBRANES

What condition is the **Metal Roof** in?

Preferred Finish

CONDITION		PRIMERS & SEALERS	Dulux Acratex Roof Membrane GLOSS	Dulux Acratex Roof Membrane SATIN	Dulux Acratex Metal Roof Renew
NO RUST	Colorbond® new un-weathered or near new (unchalked)	<b>Dulux Protective Coatings Luxaprime® UMP<sup>3</sup></b>	2 coats	2 coats	2 coats
	Colorbond aged/weathered uncoated in good condition (chalked)	-	-	2 coats	3 coats
	Colorbond aged/weathered uncoated in good condition (chalked)	-	-	-	2 coats
	New un-coated Zinalume®, aluminium & aged Colorbond roofing in good condition	<b>Dulux Acratex Roof Primer MX Plus</b>	2 coats	2 coats	2 coats
LIGHT RUST	Rust spots on aged uncoated Colorbond - pre-coated sheet steel	<b>Dulux Protective Coatings Durebild® STE<sup>3</sup> spot prime or full prime + Dulux Acratex Roof Primer MX Plus</b>	2 coats	2 coats	2 coats
<sup>1</sup> Previously Painted Surfaces		<b>Dulux Acratex Roof Primer MX Plus</b>	2 coats	2 coats	2 coats

<sup>1</sup> A previously painted roof can be re-coated. However, due to the variable nature and adhesion of the existing coating, Dulux Acratex will not provide a warranty on our products when applied to a previously painted substrate.

<sup>3</sup> Dulux Protective Coatings Luxaprime UMP and Durebild STE must be overcoated within 3 days of their initial application.

The warranty period for the Dulux Acratex Roof Coating Material Warranty will vary depending on the system being applied, which may require 2 or 3 coats depending on the roof condition and substrate. The warranty is subject to the conditions in the Warranty Certificate. Please scan the QR Code for more information.



# COMMERCIAL METAL ROOFS

## PREPARATION



### REPAIR

Ensure all screw and nail fixings are fixed correctly. Replace all rusted screws and any faulty sheet or valley irons as required.



### CLEANING

High-pressure wash with a minimum of 4000+ PSI and a minimum flow of 15-23 litres per minute with a turbo head/nozzle to remove dirt, excess grime, lichen, moss and other contaminants.

**1 PREVIOUSLY PAINTED SURFACES:** High-pressure wash with a minimum of 4000+ PSI at 15-23 litres per minute with a turbo head/nozzle to achieve a satisfactory clean surface before application commences. Multiple passes may be required to effectively remove previous coatings.

Note: Allow the roof surface to completely dry between 1st and 2nd pressure wash, prior to the application of new coatings. Any remaining paint film should be checked using the cross hatch adhesion test to determine if existing paint is sound prior to coating – Refer to data sheet for full details.<sup>2</sup>

<sup>1</sup>A previously painted roof can be re-coated. However, due to the variable nature and adhesion of the existing coating, Dulux Acratex will not provide a warranty on our products when applied to a previously painted substrate.



### RUST REMOVAL

Use a power tool or wire brush to clear all loose or flaking rust, where applicable. Then clean down with a broom or blower to remove all rust contamination or loosely bound material.

<sup>2</sup> It is the responsibility of the contractor, prior to applying the products, to ensure that the roof is properly prepared in accordance with relevant Dulux Acratex specifications. Failure to properly prepare the surface may impact the coating system's performance.

## PRIMERS, SEALERS & MEMBRANES

What condition is the **Commercial Metal Roof** in?

CONDITION	PRIMERS & SEALERS	ROOF MEMBRANES
Galvanised iron & Zinalume	<b>Dulux Acratex Roof Bond GI</b>	<b>Dulux Acratex Cool Roof Commercial White 1 Coat</b>
Factory coated or aged/ weathered Colorbond		<b>Dulux Acratex Cool Roof Commercial White 2 Coats</b>
Light rust commercial metal roofs	Full prime <b>Dulux Protective Coatings Luxaprime UMP<sup>3</sup></b> or <b>Dulux Protective Coatings Durebild STE<sup>3</sup></b>	<b>Dulux Acratex Cool Roof Commercial White 2 Coats</b>
	Spot prime <b>Dulux Protective Coatings Durebild STE<sup>3</sup></b> followed by full prime of <b>Dulux Acratex Roof Bond GI</b>	<b>Dulux Acratex Cool Roof Commercial White 1 or 2 Coats</b>

**Remove corrosion products** - Remove chalky deposits such as degraded coating or white rust (zinc corrosion products) with a power tool fitted with an abrasive nylon pad or cup brush. Remove red rust if present by power tool cleaning in accordance with AS1627.2 to clean, bright metal.

Previously painted & lightly rusted surfaces - Please contact your Dulux Acratex Sales Professionals for detailed information. Refer Dulux DuSpecPlus and Care & Maintenance Guide Roofing for substrate specification. For previously painted substrates contact customer service for more information.

## Cold Weather. No Worries.

**AcraDry** improves dry time in cold weather, so you can keep working.



**Dry Time Optimiser for cold weather**



Use in dry conditions when air and substrate temperatures are between 10°C and 3°C



**Water based additive**



Refer to the AcraDry data sheet for compatible products, available at [duspecplus.com.au](http://duspecplus.com.au)



NOT TO BE TAKEN

# ROOF PRODUCT RANGE

## PREPARATION

PRODUCT NUMBER	PRODUCT DESCRIPTION	SIZE	RECOAT TIME* (HRS)	m <sup>2</sup> /15L PAIL	MIN WET FILM THICKNESS (MICRONS) 1 COAT REQUIRED~	MIN DRY FILM THICKNESS (MICRONS) 1 COAT REQUIRED~	SPRAY TIPS
19485771-15L	Acratex® PrepTreat	15L	4	180	N/A	N/A	N/A
VARIOUS	Acratex Roof Pointing	10L	2	N/A	N/A	N/A	N/A

## PRIMERS & SEALERS

PRODUCT NUMBER	PRODUCT DESCRIPTION	SIZE	RECOAT TIME* (HRS)	m <sup>2</sup> /15L PAIL	MIN WET FILM THICKNESS (MICRONS) 1 COAT REQUIRED~	MIN DRY FILM THICKNESS (MICRONS) 1 COAT REQUIRED~	SPRAY TIPS
19485940-15L	Acratex Roof Sealer WB	15L	2	Standard Coat: 150	Standard Coat: 83	Standard Coat: 25	617-619 LP
				Dust Coat: 300	Dust Coat: 41	Dust Coat: 12	
19485752-15L	Acratex Roof Sealer SB	15L	4	150	100	20	611-613 LP
19485941-15L	Acratex Roof Primer Surfacer	15L	4	60	233	100	621-623 LP
194X2295-15L	Acratex Roof Primer MX Plus	15L	4	143	105	40	617-619 LP
19485959-15L	Acratex Roof Bond GI	15L	4	75	195	75	623-1223 LP
19485943-15L	Acratex Terracotta Roof Primer	15L	2	140	105	31	611-613 LP
VARIOUS	Dulux® Protective Coatings Luxaprime® UMP <sup>3</sup>	4L	4	23 (4L)	175	50	0.013-0.019
		15L		87 (15L)			
VARIOUS	Dulux Protective Coatings Durebild® STE <sup>3</sup>	4L	14	26 (4L)	150	125	0.017-0.021
		15L		100 (15L)			

## MEMBRANES

PRODUCT NUMBER	PRODUCT DESCRIPTION	SIZE	RECOAT TIME* (HRS)	m <sup>2</sup> /15L PAIL	MIN WET FILM THICKNESS (MICRONS) 1-2 COATS REQUIRED~	MIN DRY FILM THICKNESS (MICRONS) 1-2 COATS REQUIRED~	SPRAY TIPS
VARIOUS	Acratex Roof Membrane Gloss	15L	2	90	168	67	621-623 LP
	Acratex Roof Membrane Satin						
VARIOUS	Acratex Metal Roof Renew	15L	2	133.5	112.5	45	617-619 LP
VARIOUS	Acratex Roof Membrane with InfraCOOL® Technology	15L	2	90	168	67	621-623 LP
194X0302-15L	Acratex Cool Roof Commercial	15L	4	81	186	75	623-1223 LP

\* Apply Acratex PrepTreat and allow a minimum of two hours to dry. Recoat time is measured in hours and specified at 25°C/50% relative humidity.

~ Refer to products data and MSDS before use. Spread rates may vary, depending on condition and profile of roofing substrate.

<sup>3</sup> Dulux Protective Coatings Luxaprime UMP and Durebild STE must be overcoated within 3 days of their initial application.

Learn more at [acratex.com.au](http://acratex.com.au) or call Acratex Customer Service 13 23 77

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