

# Dulux Acrylic Roof Coating, 403-line

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**Product Code:** 403-line

**Specification met:** Meets customer technical requirements.

## Description

Dulux Acrylic Roof Coating is a solvent borne, air drying silicone acrylic for use in the external coating of roof tiles. It shows excellent exterior durability.

## Features

## Benefits

Colour range	Available on request
Exterior durability	Excellent. This product will not blister, peel or flake, and not be affected by salt air or frost, for a period of 20 years when applied by a Dulux registered applicator.

## Uses

Dulux Acrylic Roof Coating is designed for use on the line application of roof tiles.

## Performance Guide

<b>Film Appearance</b>	No defects in the dry film
<b>Adhesion</b>	Excellent
<b>Humidity</b>	Excellent resistance to 38°C/100% humidity for 500 hours.

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## Product Guide

<b>Colour</b>	Grey (other colours available on request).	<b>Specific gravity</b>	1.12-1.16
<b>Weight solids</b>	50%	<b>Volume solids</b>	32 - 34%
<b>Gloss Level</b>	Low sheen to gloss	<b>Shelf life</b>	12 months when stored below 38°C

## Application Data

<b>Application Method</b>	Air atomised or airless spray.		
<b>Viscosity</b>	13-15 sec in Ford 4 at 25°C		
<b>Thinner</b>	Autosolv Lacquer Thinner, 920 S0005 or Duthin 140 Lacquer thinner, 965 34178		
<b>Clean Up</b>	Autosolv Lacquer Thinner, 920 S0005 or Duthin 140 Lacquer thinner, 965 34178		
<b>Cure Schedule</b>	Air Flash at ambient 12-15 minutes Force Dry 60 min at 50°C		
<b>Cured Film Thickness</b>	Recommended:	35-45 µm	

### Theoretical spreading rate at recommended film thickness

A spreading rate of 8.4 m<sup>2</sup>/litre corresponds to 40µm cured film thickness assuming no loss. Practical spreading rates will vary due to such factors as method and conditions of application and surface roughness.

## Application Guide

### Surface Preparation

The substrate should be clean of any contaminants.

**First Clean:** The surface should be spirit wiped using IPA, or similar and a clean rag.

**Second Clean:** After spirit wipe, the surface should be dried with clean rags to remove any remaining contaminants.

**Note: Replace rags regularly with clean rags during cleaning**

For weathered and aged materials, it is recommended that the surface be cleaned and lightly scuffed.

### Application Procedure and Equipment

Airless or conventional spray.

The Acrylic Roof Coating should be thinned using Autosolv Lacquer Thinner or Duthin 140 Lacquer thinner, 965 34178, to achieve a Ford 4 viscosity of 13-15 seconds (at 25°C).

## Care, Maintenance and Repair

Reference should be made to AAMA610.1 1979 standard for cleaning of surfaces.

In broad terms, cleaning of coated surfaces should take place every six months. Where salts/pollutants are more prevalent such as seaside and industrial areas, a cleaning program should be carried out more frequently.

### THREE STEPS TO CLEANING DULUX ACRYLIC ROOF COATING

1. Remove loose deposits with a wet sponge (avoid scratching the surface by dry dusting).
2. Using a soft clean cloth and a mild detergent in warm water, clean the coating to remove dust, salt or other deposits.
3. Always rinse after cleaning with fresh water to remove any remaining detergent

**WARNING:** In some cases, strong solvents recommended for thinning various types of paints and also for cleaning up mastics/sealants are harmful to the extended life of the coated surface. These solvents should not be used for cleaning purposes and will render the warranty void if used.

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## REPAIR OF DULUX ACRYLIC ROOF COATING – SMALL AREAS

Minor repairs of the Acrylic Roof Coating may be necessary after installation of the roof tiles. Small scratches may be touched up using the following process:

1. All surfaces should be free from oil, grease, dirt or any other existing contaminants
2. Lightly scuff area with a Scotchbrite pad, and wipe with a clean cloth
3. Wipe surface with Methylated spirits. All surfaces must be clean and dry before coating.
4. Apply 403 line Acrylic Roof Coating on area to be repaired.

## REPAIR OF DULUX ACRYLIC ROOF COATING – LARGER AREAS

Repairs of the Acrylic Roof Coating may be necessary after installation of the roof tiles.

1. All surfaces should be free from oil, grease, dirt or any other existing contaminants.
2. High pressure cleaning may be used as required.
3. To remove any remaining loose and flaking paint, lightly scuff area with a Scotchbrite pad.
4. Wipe surface with a clean cloth using Methylated spirits. All surfaces must be clean and dry before coating.
5. Apply 403 line Acrylic Roof Coating as per the TDS on the area to be repaired.

### Application Notes:

1. Avoid over coating as this may cause areas of high build leading to ridging.
2. Minimum wet film build to be applied by spray: 100um
3. This product is not to be applied by roller.
4. Care must be taken to maintain a wet edge on the area to be painted.
5. Entire sections must be completed at one time.

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## Health and Safety

The MSDS is an integral part of using this product as it contains information on the potential health effect of exposure, personal protective equipment needed and other relevant SH&E information.

For detailed information, refer to product label and the current Chemical Data Sheet (No. 001223) available through Sales and Customer Service Offices.

Phone: Australia:- 13 24 99 New Zealand:- 09 828 1008.

## Precautions and Limitations

- For optimum performance, ensure the minimum recommended dry film thickness is obtained.
- For details on repairs please refer to the section on the repair process
- For any further questions, please contact your Dulux® Representative for further advice prior to commencing work.

## Transport and Storage

<b>Sizes:</b>	10 litre	<b>Flashpoint:</b>	-18°C
<b>Weight:</b>	Approx. 11kg	<b>UN:</b>	1263
<b>Dangerous Goods Class:</b>	3	<b>Package Group:</b>	II
<b>Shipment Name:</b>	PAINT		

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