

## AcraTex 953 Membrane 105HP + InfraCOOL Technology

**PRODUCT CODE** 194-20830

**Data Sheet No.** AUDA0465

**APPROVALS**

### Description

DULUX AcraTex 953 Membrane 105 HP is a high build 100% acrylic roof grade membrane formulated to provide maximum SOLAR REFLECTANCE for optimum cooling benefit. Dulux AcraTex 953 Membrane 105 HP Cool Roof white is designed as a Radiant Heat barrier maximising Solar reflectance with InfraCOOL Technology, specifically formulated for low dirt pickup in order to maintain solar reflectance properties maximum resistance against the elements, ultimate elongation, flexural/cohesive strength, and anti-carbonisation

### Features

7 year warranty  
 High water tightness  
 Maximum Solar Reflectance  
 Resists dirt pickup  
 Water based

### Benefits

Guaranteed long term exterior durability.  
 Excellent water resistance and protection.  
 Surface cooling effect / Cooling Energy Saving  
 Maintains reflectivity and cooling effect on aging  
 Easy, safe and economical clean-up.  
 No top coat required

### Uses

DULUX AcraTex 953 Membrane 105HP is designed for application to correctly prepared and primed vertical and horizontal masonry substrates to provide a Radiant Heat barrier maximising Solar reflectance and as a barrier against the ingress of rain and carbon dioxide.

### Performance Guide

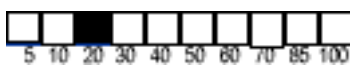
<b>Weather</b>	Excellent.	<b>Salt</b>	Resists salt spray.
<b>Heat</b>	To 90C (dry)	<b>Water</b>	Water vapour transmission: 20.0g/24Hr/sq metre. Water transmission: less than 1g/24Hr/sq metre/Kpa
<b>Solvent</b>	Resists alcohol and aliphatic hydrocarbons. Sensitive to other strong solvents.	<b>Abrasion</b>	Good resistance to abrasion.
<b>Acid</b>	Resists dilute acid	<b>Alkali</b>	Resists dilute alkali

<b>Data Sheet</b>	AcraTex 953 Membrane 105HP + InfraCOOL Technology		
<b>DuSpec Data Code</b>	AUDA0465	<b>Page No</b>	1 of 3
<b>Issue No</b>	10.0	<b>Date Issued</b>	14/12/2011

# AcraTex 953 Membrane 105HP + InfraCOOL Technology

Data Sheet No. AUDA0465

## Typical Properties and Application Data

<b>Gloss Level</b>	Low Sheen	<b>Thinner</b>	Not recommended
<b>Gloss Level Ind</b>		<b>Spread Rate</b>	1.3 sqm/L
<b>Volume Solids</b>	50.58	<b>Components</b>	1
<b>Colour</b>	High Opacity White for maximum reflectance	<b>Toxicity</b>	Lead free. Dry film is non-toxic and conforms to AS1647, Part 3.
<b>Number of Coats</b>	2 minimum	<b>Shelf life</b>	24 months maximum
<b>V.O.C Level</b>	< 40 g/L untinted	<b>Wet film per coat</b>	Recommended 791 µm
<b>Touch Dry</b>	2 hour	<b>Dry film per coat</b>	Recommended 400 µm
<b>Clean Up</b>	Clean all equipment with water.	<b>Recoat</b>	24 hours



### Application Method



## Application Guide

### Surface Preparation

All surfaces must be cured, clean, sound and free of all contaminants such as form oils, release agents and mortar splashes. Surface imperfections, misalignments and protrusions must be levelled and patched and completely flush to surrounding surfaces. Metal, tie wire, etc. on surface must be removed or treated against corrosion. Prime substrate with DULUX AcraTex 501/2 AcraPrime. Ensure that it is cured completely and covers the substrate evenly. Patch with DULUX AcraTex 500 AcraPatch after priming then only the patched areas need to be spot primed with DULUX AcraTex 501/1 AcraPrime.

### Application Procedure and Equipment

Product should be thoroughly mixed before use. Refer to the Dulux AcraTex Application Manual for detailed instructions. Apply by using airless spray at 1.3 square metres per litre. Minimum 2 coats.

NOTE: Applications less than 300 micrometres wet film thickness per coat will reduce the system performance.

Airless Spray Only

## Health and Safety

<b>MSDS Number</b>	14557224	<b>Using Safety Precautions</b>	Wear eye protection and when spraying wear a dust mask
<b>Health Effects</b>	For detailed information refer to product label and the current Material Safety Data sheet available through Dulux Sales and Customer Service Offices 132377 AUS. Health Effects: Splashes to the eye may cause eye irritation.	<b>Personal</b>	When spraying, inhalation of mists may produce respiratory irritation
<b>Storage</b>	0		

In the case of emergency please call 1800 033 111

Data Sheet	AcraTex 953 Membrane 105HP + InfraCOOL Technology		
DuSpec Data Code	AUDA0465	Page No	2 of 3
Issue No	10.0	Date Issued	14/12/2011

## AcraTex 953 Membrane 105HP + InfraCOOL Technology

<b>Data Sheet No.</b>	<b>AUDA0465</b>
-----------------------	-----------------

### Precautions and Limitations

A DULUX warranty will be provided confirming protection against flaking & peeling for a period of seven years when the full AcraTex system is applied by a DULUX AcraTex trained applicator, according to specification, & at the specified spreading rates, & to the surface preparation details described in the DULUX AcraTex Specification Manual.  
 DULUX AcraTex 953 Membrane 105HP must only be applied in air temperature between 10C and 30C and must be protected from rain and frost for the first 24 -36 hours. Avoid application in full sun or hot, windy conditions.

NOTE: Elongation/ Elasticity % test results for this product is available from DULUX Customer Services offices 132377 AUS.

Follow all state legislations when working with heights.

### Transport and Storage

<b>Pack A</b>	194-20830	<b>Flash point</b>	NA
<b>Sizes</b>	15 Litre	<b>UN Number</b>	NA
<b>Weight</b>	22 kg	<b>Package Group</b>	NA
<b>Dangerous Goods Class</b>	NA		
<b>Shipment Name</b>	Not dangerous goods.No special transport requirements.		

### Disclaimer

Dulux and Other marks followed by ® are registered trademarks. Marks followed by the symbol of ™ are trademarks.

The data provided within the Duspec system is correct at the time of publication, however it is the responsibility of those using this information to check that it is current prior to specifying or using any of these coating systems.

DISCLAIMER: Any advice, recommendation, information, assistance or service provided by any of the divisions of DuluxGroup (Australia) Pty Ltd or its related entities (collectively, DuluxGroup) in relation to goods manufactured by it or their use and application is given in good faith and is believed by DuluxGroup to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by DuluxGroup is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon DuluxGroup by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Coating systems can be expected to perform as indicated on the Duspec Spec Sheet so long as applications and application procedures of the individual products are followed as recommended on the appropriate Product data Sheet. "DuluxGroup" "Dulux" "Berger" "Berger Gold Label" "Hadrian" "Walpamur" "Levene" "AcraTex" and Other marks followed by ® are registered trademarks of DuluxGroup (Australia) Pty Ltd ABN 67 000 049 427. Marks followed by the symbol ™ are trademarks.

Please note that this document is only valid for 60 days from the date of issue.

DuluxGroup (Australia) Pty Ltd 1956 Dandenong Road, Clayton, Victoria 3168 AU ABN 67 000 049 427

<b>Data Sheet</b>	AcraTex 953 Membrane 105HP + InfraCOOL Technology		
<b>DuSpec Data Code</b>	AUDA0465	<b>Page No</b>	3 of 3
<b>Issue No</b>	10.0	<b>Date Issued</b>	14/12/2011