





with our compliments

Auckland

Dulux Powder & Industrial Coatings NZ 31B Hillside Road Glenfield Auckland New Zealand PO Box 10 1886 North Shore Mail Centre Phone 0-9-441 8244 Fax 0-9-441 8242 Toll free 0800 800 975 Fax free 0800 476 9337

Wellington

15 Toop Street Wellington New Zealand Phone 0-4-568 8226 Toll free 0800 800 975 Fax free 0800 476 9337

Christchurch

501A Moorhouse Ave Addington Christchurch New Zealand Phone 0-3-365 0871 Fax 0-3- 365 0873

Australia

Dulux Powder & Industrial
Coatings
1-15 Pound Road,
Dandenong South,
VIC 3175 (1st floor)
Reception: 8787 4500
Facsimile: 8787 4542
Customer Service:
13 24 99
Customer Service Fax:
1800 804 649
Email: powder@orica.com
Websites:
www.duluxpowders.com.au
www.trimatrx.com

Visit our web site: www.oricapowdercoatings.com





Duralloy®, exquisite colours for Aluminium Joinery

This Colour Guide incorporates the very latest in powder coating technology coupled with the latest colours this technology makes possible. The colour range is chosen from old favourites and the very latest international colour trends and are arranged in a manner designed to make harmonious colour selection much easier.

Contents

More inspired colour choice	
Specifying exactly the right colour	3
Roofing colour co-ordinates	

Colour Swatches

Premium Pearle

r remain r earls	
The Reflections range	6
Brown	
Blue	10
White / Yellow	12
Metropolis® Pearls / Precious®	14
Grey / Black	16
Red / Light Grey	18
Green	20
Mannex®	22
Performance and quality assurance	24
Our 2 level performance guarantee	24
Dulux Registered Applicators	25
Warranties and the environment	25
Care & Maintenance	26
Choosing	27
Contact us	28



N.B. This colour card replaces all previous Duralloy® Colour Guides.

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

DISCLAIMER: Any advice, recommendation, information, assistance or service provided by Dulux Powder & Industrial Coatings in relation to goods manufactured by it or their use and application is given in good faith and is believed by Dulux Powder & Industrial Coatings to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Dulux Powder & Industrial Coatings 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 Dulux Powder & Industrial Coatings by any condition or warranty implied by applicable legislation, regulation or other Government ordinance voiding or prohibiting such exclusion, limitation or modification. ©2008



more inspired colour choice

The Duralloy® colours shown in this guide have been specifically chosen by Dulux for their exterior durability and fade resistance. Depending on the chosen colour, the finishes available are either matt or satin, in either solid or pearlescent as replicated in the colour choice sections that follow.

It is recommended when choosing powder coating, to decide on a colour that will compliment both the exterior and the interior of your home.

specifying exactly the right colour

On occasions, some colours, whether powder, paints or furnishings may share the same colour name but be entirely different. This is especially true of other powder suppliers who use Dulux® colour names for their products, but the colours rarely match. When choosing colours, remember to specify both the Dulux® colour code and colour name.

Every effort has been made to present these colours as accurately as possible and as close as modern printing processes allow. Colour appearance may vary according to light source. Where colour accuracy is vital, a powder coated panel should be requested to more accurately demonstrate the effect you should get.

roofing colour co-ordinates

In New Zealand a number of precoated steel options are offered for roofing.

The Duralloy® range incorporates a range of colours designed to harmonise with these colours, but it should be noted that the powder coating colour will never be a perfect match to the roofing colour.

A number of brands of precoated steel in New Zealand offer colours with the same names, including New Denim Blue, Permanent Green, Terracotta, Karaka, Ironsand to name a few, but as these colours are supplied by different paint companies and are wet paint as opposed to powder coating, the colours will always only be similar at best and may vary from brand to brand.

Please check with your roofing company to determine that the colour chosen is available in the roofing material desired and check their colour against the Duralloy® co-ordinate.



premium pearls

9157214K PLATYPUS KINETIC®

Light reflectance percentage

RGB Values 141 137 131

9157183K COPPER METALLIC KINETIC®

Light reflectance percentage

RGB Values 157 146 136

9153059K MATT CHAMPAGNE KINETIC®

Light reflectance percentage 35

RGB Values 156 146 136

9158115K GUNMETAL METALLIC KINETIC®

Light reflectance percentage

RGB Values 76 75 71

9157208K ST ELMO'S FIRE KINETIC®

Light reflectance percentage

RGB Values 145 147 148

9157210K OCEANS 12 KINETIC®

Light reflectance percentage 28

RGB Values 126 136 127





premium pearls

This small range of exclusive pearls, has been especially formulated to provide a powder coated finish of the highest standards, both from a technical perspective and also from an aesthetic perspective.

These coatings utilise the latest Kinetic® technology, to provide coatings of outstanding uniformity of colour and appearance whilst the pigmentation selected for use in producing these finishes has been selected because of their unique combination of sparkle and durability. The technology behind the products has been thoroughly tested and deemed especially fit to wear the Dulux® Duralloy® brand name.

Our Premium Pearls range may be a little more expensive than the usual run of the mill colour, but then these are not your usual run of the mill colours!





REVELLE

Light reflectance percentage

RGR Values 185 185 179

91541125

GINGERNUT Light reflectance percentage

RGB Values 106 66 61

91581125 MUDDY WATERS

Light reflectance percentage

RGB Values 66 61 59

9159070M BLACKAZ

Light reflectance percentage

RGR Values 47 46 46

91560945 **REWA REWA**

Light reflectance percentage

RGB Values 60 62 57

91560955 **EVOLUTION**

Light reflectance percentage

RGB Values 59 84 73

91560965 CORIANDER

Light reflectance percentage

RGB Value: 97 112 95

9157202S GT NORTH ROAD

Light reflectance percentage

RGB Values 73 77 83

91581135

SPUDNIK

Light reflectance percentage

RGR Values 112 98 87

91572035

PIXIE DUST

Light reflectance percentage

RGB Values 127 130 128



An intelligent infrared reflective coating.

A portion of sunlight is visible to the human eye and it is these wavelengths we see as colours. Other solar wavelengths however are invisible to us, yet we know they exist because we feel their effects everyday. UV rays for instance are full of energy and are what causes sunburn. Infrared light however is less energetic but comprises a large percentage of the solar energy that actually reaches the earth.

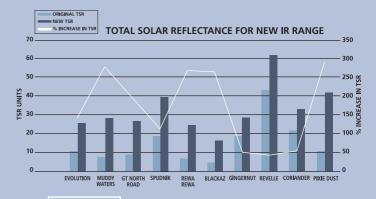
All light whether visible or invisible will heat up an object that absorbs it. The more solar energy an object absorbs the hotter it will get. By contrast the more solar energy an object reflects the cooler it will remain.

Two objects can appear to be identical in colour yet have very different solar reflectance characteristics especially when it comes to IR light. As IR light makes up over 50% of the energy from the sun that reaches the earth, it is the ability of an object to reflect IR light not its colour that is paramount when it comes to remaining "cool". We can measure this effect as an object or a coatings "Total Solar Reflectance" value. (TSR)

The formulas used to manufacture the reflections range use very specific raw materials to produce colours that have excellent TSR values as the graph below clearly shows.

Why is a cooler reflections coating better?

- Cooler products last longer. Heat accelerates the chemical degradation process, which we see as a loss of gloss, excessive or rapid colour fade, and poor physical properties. Staying cooler even by a small amount slows this degradation process down considerably and the coating retains its appearance for a longer period of
- Cool saves energy. The less heat transmitted to the interior of a building means less energy is required to keep it cool.



Please take the time to check an actual powder coated sample of the colour of your choice.



91558760 DUSTY TRAIL

Light reflectance percentage

9153065M LSG MATT DESERT SAND

Light reflectance percentage 46

91558806 BRONCO

Light reflectance percentage

91584215 STONE

Light reflectance percentage

91558754 KAURI

Light reflectance percentage 20

91596932 SORRELL

Light reflectance percentage

91597129 THUNDER GREY

Light reflectance percentage

9158033M LSG MATT LIGNITE

Light reflectance percentage

9158096M LSG MATT IRONSAND

Light reflectance percentage

91557270

Light reflectance percentage



RGB Values 180 164 149



19YY/43/162

RGB Values 188 170 144



14YY 37/101

169 158 143



COLORSTEEL

RGB Values 152 137 121



10YR 20/157

RGB Values 129 112 93



COLORSTEEL SORRELL RGB Values

103 95 85



COLORSTEEL THUNDER GREY

RGB Values 85 85 79



RGB Values 77 69 64



08YY 08/020

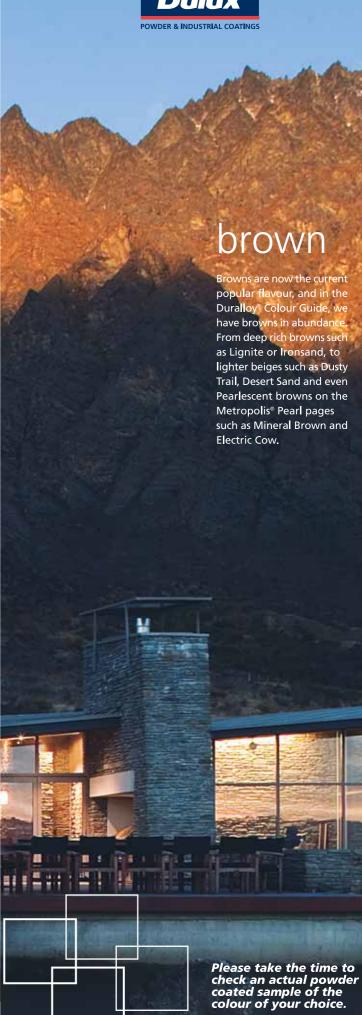
RGB Values 65 63 61



05YY 07/054

RGB Values 61 56 50











91597128 GULL GREY

Light reflectance percentage

WEDGEWOOD

Light reflectance percentage

91597126

Light reflectance percentage

91550283 WIZARD

Light reflectance percentage

91597132 INDIGO BLUE

Light reflectance percentage

9155063M LSG MATT NEW DENIM BLUE

Light reflectance percentage

91558609 NAVY

Light reflectance percentage

91558604 STEEL BLUE

Light reflectance percentage

91597124 STORM BLUE

Light reflectance percentage

91558605 SLATE BLUE

Light reflectance percentage



COLORSTEEL **GULL GREY**

RGB Values 172 176 173



08BB 20/202

RGB Values 88 119 148



COLORSTEEL **AZURE**

RGB Values 77 109 125



70BG 12/110

RGB Values 73 92 102



RGB Values 74 78 84



12BB 10/050

RGB Values 72 78 87



31BB 07/137

RGB Values 43 57 78



91BG 10/104

RGB Values 57 73 86



COLORSTEEL STORM BLUE

RGB Values 62 73 84



18BB 07/086

RGB Values 56 64 77







POWDER & INDUSTRIAL COATINGS

Blues are the cool, clear colours of the sea and sky. They are aristocratic colours that can suggest peace and harmony or add a bold accent in furnishings or trim. Blues can cool a warm room, or provide a contrast to the hot colours of an arid landscape.

Please take the time to check an actual powder coated sample of the colour of your choice.



91558851 ARCTIC WHITE

Light reflectance percentage

DURATEC*

91558857 TUSK TUSK

Light reflectance percentage

91558858 WOODWIND

Light reflectance percentage 74

91558804 OFF WHITE

Light reflectance percentage

DURATEC*

91558808 PARCHMENT USA

Light reflectance percentage

91584755 SMOOTH CREAM

Light reflectance percentage

91536991 RIVERGUM BEIGE

Light reflectance percentage

91558802 ALMOND

Light reflectance percentage 62

91532658 MAGNOLIA

Light reflectance percentage 60

91558856 BONE WHITE

Light reflectance percentage 50



76BG 84/028

RGB Values 225 232 239



30YY 79/070

RGB Values 239 227 210



20YY 74/055

RGB Values 226 218 204



51YY 73/000

RGB Values 232 223 200



40YY 70/138

RGB Values 227 213 184



SMOOTH CREAM

RGB Values 229 209 170



19YY 64/092

RGB Values 216 202 184



18YY 62/128

RGB Values 214 196 173



45YY 60/139

RGB Values 217 203 169



80YY 50/064

RGB Values 182 182 168











metropolis[®] pearls

91596874 METROPOLIS® SAND

Light reflectance percentage 43

RGB Values 181 165 142

91596884 METROPOLIS® SPIRIT

Light reflectance percentage

RGB Values 166 168 168

91596875 METROPOLIS® PORPOISE

Light reflectance percentage 26

RGB Values 126 127 125

9158068K WINDOW BRONZE KINETIC®

Light reflectance percentage

RGB Values 79 73 69

91558764 MINERAL BROWN

Light reflectance percentage

RGB Values 114 110 105

RGB Values

91596859 METROPOLIS® BLUE

Light reflectance percentage

72 80 89

DURATEC*

9155113K METROPOLIS® EXTREME DENIM MATT KINETIC®

Light reflectance percentage

RGB Values 96 101 106

9158028K

METROPOLIS® ELECTRIC COW MATT KINETIC®

Light reflectance percentage

DURATEC

9159069K METROPOLIS® COAL DUST KINETIC®

Light reflectance percentage

DURATEC

RGB Values 59 62 65

RGB Values

71 70 68

DURATEC

DENOTES: ALSO AVAILABLE AS A DURATEC® STOCK COLOUR

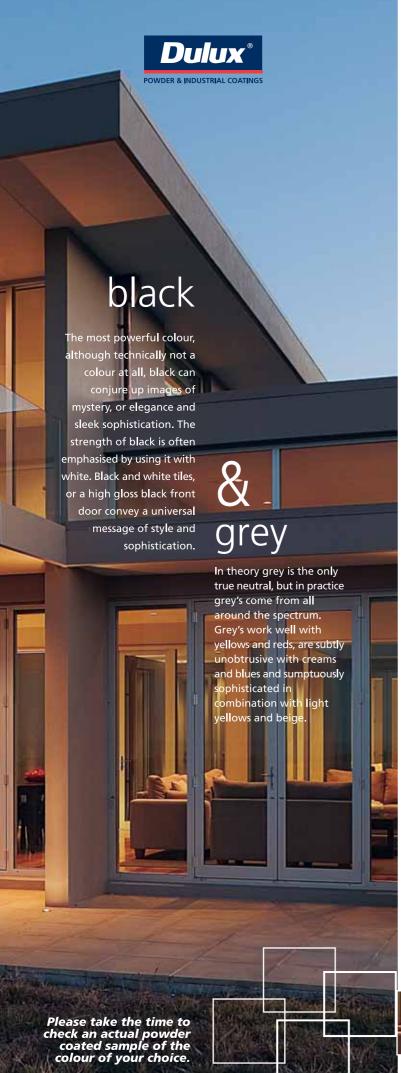
metropolis pearls

Duralloy® Metropolis® Pearls deliver a vibrant, animated effect, ideal for use as a trim colour to enhance the total colour scheme. Duralloy® Metropolis® Pearls have been carefully chosen for their X factor, that special quality that allows this range of pearls to blend in harmony with a wide range of solid colours, turning standard architectural devices into features.

The Precious® range of Pearlescent colours were designed to offer an alternative to anodising.

Metropolis® and Precious® Pearls attract the Dulux® Duralloy® Warranty.









35GY 24/020

RGB Values 118 119 116



58YY 23/021

RGB Values 125 125 123



24BG 20/059

RGB Values 103 114 115



87BG 12/022

RGB Values 89 92 96



18BB 10/027

RGB Values 71 74 77



17BB 08/019

RGB Values 61 64 67



RGB Values 54 56 59

30BB 06/042

RGB Values 57 63 68



00NN 05/000

RGB Values 43 43 44

87BG 04/003

RGB Values 44 44 45



Light reflectance percentage



Light reflectance percentage

91558709 PARNELL GREY

Light reflectance percentage

91558704 FLINT

Light reflectance percentage

9157167M LSG MATT GREY FRIARS

Light reflectance percentage

9159058M LSG MATT CHARCOAL

Light reflectance percentage

91558715 GRAVEL

Light reflectance percentage

91558712 DARK GREY

Light reflectance percentage

9159041M LSG MATT BLACK / EBONY

Light reflectance percentage

91558651

SATIN BLACK Light reflectance percentage





DENOTES: COLOUR MATCHED DULUX WET PAINT REFERENCE ALSO AVAILABLE AS A DURATEC* STOCK COLOUR







56YR 20/282

RGB Values 164 102 75

10YR 14/348

RGB Values 149 65 64



COLA RED

RGB Values 198 48 53



24YR 12/286

RGB Values 129 63 57



25YR 09/208

RGB Values 103 59 54



47YY 66/030

RGB Values 215 212 200



RGB Values

210 205 192



20YY 57/060

RGB Values 193 187 176



00NN 45/000

RGB Values 173 175 175



09GG 29/061

RGB Values 127 139 131



Light reflectance percentage

91558408 SALSA

Light reflectance percentage

91556995 COLA RED

Light reflectance percentage

91558405 PIONEER RED

Light reflectance percentage

9154114M LSG MATT SCORIA

Light reflectance percentage 09

9152068M LSG MATT TITANIA

Light reflectance percentage 69

91558718 **CANVAS CLOTH**

Light reflectance percentage 65

91558721 O'KEEFE GREY

Light reflectance percentage

91558714 **GHOST GREY**

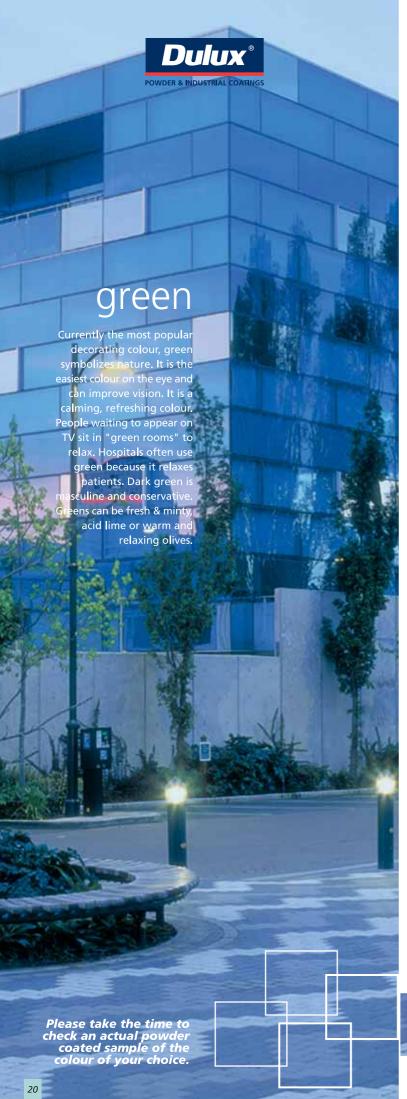
Light reflectance percentage

91532186

TRANSFORMER GREY Light reflectance percentage











08GY 29/092

RGB Values 128 133 119



46YY 23/114

RGB Values 136 128 107



16GY 21/118

RGB Values 116 126 106



62GG 18/142

RGB Values 85 117 112



68GY 17/089

RGB Values 98 110 98



COLORSTEEL GABLE GREEN RGB Values 80 89 85



RGB Values 55 80 70

> QAJNT QAJNT REFEREN

90GG 09/114

RGB Values 41 78 77



50GY 07/036

RGB Values 59 61 54



30GY 05/055

RGB Values 57 62 56



Light reflectance percentage 29

9156101M LSG MATT LICHEN

Light reflectance percentage 26

DURATEC*

9156103M LSG MATT MIST GREEN

Light reflectance percentage

DURATEC

91550267 STROMBOLI

Light reflectance percentage

91552027 BOND RIVERGUM

Light reflectance percentage 17

DURATEC*

91596937 GABLE GREEN

Light reflectance percentage

9156102M LSG MATT PERMANENT GREEN / KELP

Light reflectance percentage 10

91558558 DEEP TEAL

Light reflectance percentage

9156064M LSG MATT KARAKA Light reflectance percentage

(

DURATEC*

91558554 RANGOON GREEN

Light reflectance percentage 05





DURATEC*





mannex

9153043Z MANNEX® TITANIA

RGB Values Light reflectance percentage 215 213 203

9153045Z MANNEX® BRONCO

RGB Values Light reflectance percentage 167 157 143

> 9157158Z MANNEX® METRO SILVER PEARL

RGB Values Light reflectance percentage 164 166 163

> 9153044Z MANNEX® DESERT SAND

RGB Values Light reflectance percentage 184 168 144

> 9157156Z MANNEX® SANDSTONE GREY

RGB Values Light reflectance percentage 126 127 124

> 9155082Z MANNEX® NEW DENIM

Light reflectance percentage

9157157Z MANNEX® GREY FRIARS

RGB Values Light reflectance percentage 71 75 79

> 9159055Z MANNEX® CHARCOAL Light reflectance percentage

62 65 69

9158083Z MANNEX® IRONSAND

Light reflectance percentage

9159056Z MANNEX® MATT BLACK

RGR Values Light reflectance percentage 43 43 44

64 63 61



performance and quality assurance

Dulux Powder & Industrial Coatings, manufacturer of Dulux Branded Powder Coating, is committed to providing products that strictly adhere to the ISO standard for quality management. The result is a range of powder coatings, that simply work better in New Zealand's unique climatic conditions.

Our two level performance guarantee

- 1. The first covers film integrity, which is a guarantee that the film will not peel, crack or flake. When applied by a Dulux Registered Aluminium Applicator, the products in this guide carry a warranty of 10 years film integrity on extruded aluminium.
- 2. Secondly, and one most customers assume is guaranteed is, colour performance. This is simply the ability of the coating to retain its colour and appearance within stated parameters for a given period.

The Duralloy® products featured here all have colour performance guarantees of 10 years when applied to residential aluminium sections by a Dulux Registered Aluminium Applicator.

Dulux Registered Applicators

All the warranties offered by Dulux® in this booklet are conditional on the powder coatings being applied by Dulux Registered Aluminium Applicators. These applicators are only certified after demonstrating their capability to meet stringent quality conditions and international standards. Each registered aluminium applicator has invested heavily in their business to guarantee their performance in preparing the aluminium and applying the premium Dulux® finishes shown in this guide.







powder coating warranties and the environment



GENERATION 2

designed for

- Extruded Aluminium window Joinery
- Residential developments
- Buildings up to three levels above ground
- Properties greater than 100 metres from salt water, in mild to tropical environments
- Welded aluminium sections greater than 100 metres from salt water
- Where AAMA 2603 performance is desired
- Where a 10 year colour warranty and film integrity warranty is desired
- Duralloy[®] is not recommended for large commercial projects and warranties may not apply. Please check with your Dulux representative.

DURATEC®

designed for

- Extruded Aluminium window Joinery
- Prestigious residential and commercial developments
- All major architectural developments irrespective of height
- Properties greater than 10 metres from salt water, in mild to tropical and some severe environments
- Welded aluminium sections greater than 100 metres from salt water
- Where AAMA 2604 performance is desired
- Where a 15 year colour warranty and film integrity warranty is desired
- Duratec[®] warranties may not apply to projects outside these parameters, please check with your Dulux representative

Do it once.. do it right..do it Dulux



care & maintenance

To comply with warranty requirements and to extend the effective life of powder coatings, a very simple regular maintenance programme should be implemented.

1/ Carefully remove any loose deposits with a wet sponge. 2/ Use a soft brush (non abrasive) and a mild household detergent solution to remove dust, salt and other deposits. 3/ Rinse off with clean fresh water.

Do remove obvious deposits as they occur.

Do mask windows if painting.

Use only methylated spirits, white spirits or water to remove fresh paint splashes.

Do not use abrasive-steel wool, scrapers, scouring liquids or powders to remove paint splashes - these will damage your powder coating.

Do not use aggressive solvents-thinners, petrol etc. these solvents will attack gloss levels and reduce the powder coatings life expectancy.

Do not expose your joinery to excessive heat- heaters or hot air guns - these may damage the powder coating.

If through some misadventure your powder coated aluminium joinery is scratched or damaged, don't panic. Dulux colour Repair Kits are available.

Do contact Dulux Powder Coatings on 0800 800 975 for further information or advice.

Take care at installation time

Your window manufacturer puts considerable effort into protecting your powder coated joinery right through to installation time, however it is at this time that your joinery is perhaps most at risk of damage. For this reason your window manufacturer uses stickers, recommended by the Window Association of New Zealand, to help to protect their product.

These stickers read:-

"IMPORTANT ALL TRADES" This valuable aluminium joinery will suffer permanent damage from: plaster, mortar and paint splashes - Protect if splashes occur - Immediately wash down joinery with water or meths - Do not allow splashes to harden! - Do not use solvents! Do not remove this label until final clean completed.

All the activity on a construction site means that your window joinery may get knocked or scratched, splattered with mortar, plaster, textured coating or paint during the later stages of construction. Please ensure that your window and door joinery is masked at this time. It is far easier to prevent accidents than to try and correct them. Should your joinery receive mortar or paint splashes see that these are removed before cure and follow the instruction contained in this colour card or in the Dulux use and care brochure.

