

DULUX

EXPOXY CHEMICAL RESISTANT FINISH

A430-LINE (HIGH PERFORMANCE-SOLVENTBORNE)

PRODUCT INFORMATION

PRODUCT NAME	Dulux Epoxy Chemical Resistant Finish
PRODUCT CODE	Base: A430-Line Activator: A275-PJ-0981
DESCRIPTION	Dulux Epoxy Chemical Resistant Finish is a two pack high build epoxy gloss finish.
USAGE	Typical uses include machinery, flooring surfaces, canteens, amenity blocks, laboratories, and workshops. It may be used in most chemicals, industrial, petrolchemical environment as well as food and beverage plant.
BENEFITS	Excellent resistance to abrasion, chemicals and salt water.
PACK SIZE	5 litres units comprising Base: 4.375 litres and Activator: 0.625 litre.
COLOUR RANGE	Refer to HPC Colour Card.

PERFORMANCE GUIDE





FILM PROPERTIES	
Chemical Resistance	Excellent against splashes and spillage of common acids, alkalis, solvents, and salt solutions.
Heat Resistance	Can be used on heated surfaces up to 110°C.
Water Resistance	Excellent.
THEORETICAL COVERAGE	A guide to the theoretical coverage which can be achieved under normal conditions is 6.7 - 10 m ² /L.

PRODUCT DATA



COMPOSITION (nominal)	Pigment : Lightfast Non-Lead Pigments and Inert Mineral Extenders. Blinder : Polyamide Cured Epoxy. Solvent : Alcohol and Aromatic Hydrocarbon.
VOLUME SOLIDS	50% (nominal).
FLASH POINT	22°C.
POT LIFE	Up to 6 hours at 30°C.

APPLICATION

MIXING RATIO	7 parts Base to 1 part Activator by volume.
THINNING Brush or Roller Conventional Spray Airless Spray	Add up to 1 part of Dulux Thinner 850-761 to 10 parts of paint (10%). Add up to 1 part of Dulux Thinner 850-761 to 10 parts of paint (10%). Add up to 1 part of Dulux Thinner 850-761 to 10 parts of paint (10%).
SPRAY RECOMMENDATIONS Conventional Spray Airless Spray	Satisfactory through most equipment. A typical set up for airless spray application is a minimum working pressure on paint of 140kg/cm ² (2000 lb/sq in) with a spray tip size 0.43 – 0.58mm (17 -23 thou) and a spray tip angle of 65°.
SPRAY NOTES	It is important that the Base and the Activator are at a minimum temperature of 15°C when mixed for satisfactory spray application.
CURING TIMES	Single coat at standard thickness:
Recoat At 30°C Full Cure	6 hours minimum. 7 days Please note that the reaction of epoxies commences immediately the two components are mixed. This reaction is temperature related and so the curing time will be approximately halved by a 10°C increase in






















	temperature and doubled by a 10°C decrease in temperature.
CLEANING UP	Clean all equipment with Dulux Thinner 850-761 immediately after use.
FILM THICKNESS	Wet: 100 – 150 micro-metres. Dry: 50 – 75 micro-metres.
	 Application method  65° spraying tip  6 hours recoat time  Practise proper cleaning

PRE - APPLICATION

SURFACE PREPARATION	Surfaces generally must be clean, dry, free from all defective or poorly adhering material, dirt, grease, wax etc. Steel surfaces should be blast-cleaned to BS 7079 Part A1: 1989. Sa 2.5 to give an appropriate surface profile.						
SYSTEM INFORMATION Metal Wood and Masonry	<table border="0"> <tr> <td>PRIMER (1 COAT)</td> <td>FINISH (1 OR 2 COATS)</td> </tr> <tr> <td>Dulux Epoxy Zinc Phosphate Primer (A580 - 16252)</td> <td></td> </tr> <tr> <td>Dulux Epoxy Primer Off White A580 – PJ – 0529</td> <td>Dulux Epoxy Chemical Resistant Finish (A430)</td> </tr> </table>	PRIMER (1 COAT)	FINISH (1 OR 2 COATS)	Dulux Epoxy Zinc Phosphate Primer (A580 - 16252)		Dulux Epoxy Primer Off White A580 – PJ – 0529	Dulux Epoxy Chemical Resistant Finish (A430)
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	<p>*Note: It is important to ensure that the substrate temperature is at least 3°C above dew point. The minimum temperature for application is 10°C. Relative humidity should not exceed 85%. Where primer or intermediate coat of Dulux Epoxy Chemical Resistant Finish has been left exposed over a period of time it will be necessary to thoroughly prepare the surface by removing all dirt, grease oil, wax, rust, salts etc before the overpainting. Where rusting of peaks has occurred on blast cleaned steel, flash blasting or thorough manual preparation followed by spot priming with an appropriate primer will be required.</p>						
	 Ensure good surface profile  Seal a coat with primer						

PRECAUTION

SAFETY, HEALTHY AND ENVIRONMENTAL INFORMATION	<p>FLAMMABLE Harmful by inhalation and in contact with skin. Irritating to eyes. Avoid contact with skin/eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed seek medical advice immediately and show this container or label. If swallowed, rinse mouth with water (Only if person is conscious). Keep away from food, drinks, animal feed and out of the reach of children. Keep away from combustible material. Container must be stored in a cool and shaded place. It must be tightly closed in a secure, upright position.</p>
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	<p>Do not breathe dust. Work in a well-ventilated area and do not breathe in vapour or spray. When applying paint, wear suitable protective clothing, gloves and eye/face protection.</p> <p>In case of fire use foam, dry powder, AFFF, CO2 – Never use water. In case of a spillage, contain and collect spillage using sand or earth and do not empty into watercourses, drains or the environment. Dispose of any paint waste in accordance with the appropriate Environmental Quality Regulations. Refer to Dulux Product Safety Data Sheet for further details. In case of emergency, refer to Emergency Incident Response Hotline 1800 80 6187.</p>																
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