

DULUX

COAL TAR EPOXY FINISH

A431-10363 (HIGH PERFORMANCE-SOLVENTBORNE)

PRODUCT INFORMATION

PRODUCT NAME	Dulux Coal Tar Epoxy Finish
PRODUCT CODE	Base: A431-10363. Activator: A290-19392
DESCRIPTION	A bituminous epoxy finish that provides a high build, hard wearing abrasion resistant coating with excellent chemical and water resistant .
USAGE	Formulated for use in tropical conditions. Typical uses include ships bottom, jetties and other marine structures, the external protection of buried and other pipelines, and internal protection of crude oil storage tanks. Not approved for storing potable water.
BENEFITS	Exhibit hard paint film with no loss in flexibility. Good chemical resistance. High film build at one coat application. Good sag resistance at high WFT. User friendly "Coal-Tar-free" and low VOC
PACK SIZE	5 litres units comprising Base: 2.50 litres and Activator: 2,50 litres
COLOUR RANGE	10363 Black

PERFORMANCE GUIDE





FILM PROPERTIES	
Chemical Resistance	Resistant against splashes and spillage of common acid, alkalis, solvent 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 10m ² /L for brush application and 4m ² /L for spray application.

PRODUCT DATA



COMPOSITION (nominal)	Pigment : Light Fast Non-Lead Pigments and Mineral Extender. Blinder : Epoxy Polyamide Complex. Solvent : Aromatic Hydrocarbon.
VOLUME SOLIDS	70° (nominal).
FLASH POINT	Base and Activator 23°C.
POT LIFE	Up to 5 hours at 30°C

APPLICATION

THINNING	
Brush or Roller	Ready for use
Conventional Spray	Add up to 1 part of Dulux Thinner 850-11 or T10 to 20 parts of paint (5%).
Airless Spray	Add up to 1 part of Dulux Thinner 850-11 or T10 to 20 parts of paint (5%).
SPRAY RECOMMENDATIONS	
Conventional Spray	A typical recommendation for Conventional Spray application is a minimum atomizing pressure on paint of 3.5kg/cm ² (50 lb/sq in), with a fluid pressure of 0.7kg/cm ² (10 lb/sq in) with a spray nozzle size of 0.75 mm (30 thous).
Airless Spray	A typical recommendation for Airless Spray application is a minimum working pressure on paint of 140kg/cm ² (2000 lb/sq in) with a spray tip of 0.53mm (21 thou) at an angle of 80°








Drying TIMES Recoat Full Cure	Single coat at standard thickness: 6-48 hours 7 days. The full system must be allowed to cure for 7 days at 25°C before putting into service. 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 decrease in temperature.	
FILM THICKNESS	Brush or Roller Wet: 100 microns Dry: 70 microns	Airless Spray Wet: 250 microns Dry: 175 microns
CLEANING UP	Clean all equipment with Dulux Thinner 850-761 or 850-11.	
	 Application method  80° spraying tip  6-48 hours recoat time  Practise proper cleaning	

PRE - APPLICATION

SURFACE PREPARATION	For optimum performance blast-clean to BS7079 Part 1:1989.Sa 2.5 to give an appropriate surface profile.	
SYSTEM INFORMATION	After suitable surface preparation the normal recommendation is to apply two coats of Dulux Coal Tar Epoxy Finish applied to the recommended film thickness. 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%.	
	 Blast cleaning  Ensure good surface profile	

PRECAUTION

b	<p>FLAMMABLE</p> <p>Limited evidence of a carcinogenic effect.</p> <p>Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>Repeated exposure may cause skin dryness or cracking.</p> <p>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>If swallowed seek medical advice immediately and show this container or label.</p> <p>If swallowed, rinse mouth with water (Only if person is conscious).</p> <p>Keep away from food, drinks, animal feed and out of the reach of children.</p> <p>Keep away from combustible material.</p> <p>Container must be stored in a cool and shaded place.</p> <p>It must be tightly closed in a secure, upright position.</p> <p>Do not breathe dust.</p> <p>Work in a well-ventilated area and do not breathe in vapour or spray.</p>
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	<p>A suitable mask should be worn during sanding 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>
	<div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="text-align: center; margin: 5px;">  FLAMMABLE </div> <div style="text-align: center; margin: 5px;">  Keep seal tight </div> <div style="text-align: center; margin: 5px;">  Store in cool place </div> <div style="text-align: center; margin: 5px;">  Secure upright </div> <div style="text-align: center; margin: 5px;">  Wear proper protection </div> <div style="text-align: center; margin: 5px;">  Ensure good ventilation </div> <div style="text-align: center; margin: 5px;">  Practise proper disposal </div> </div>