

DULUX

ALIPHATIC URETHANE GLOSS FINISH

A388-B LINE (HIGH PERFORMANCE-SOLVENTBORNE)

PRODUCT INFORMATION

PRODUCT NAME	Dulux Aliphatic Urethane Gloss Finish.
PRODUCT CODE	Base: A388-B Line. Activator: A388-C-0910.
DESCRIPTION	Dulux Aliphatic Urethane Gloss Finish is a high performance, 2-component chemically cured gloss finish for use in areas where maximum gloss and colour retention are required.
USAGE	For use on properly prepared and primed steel, concrete or steel floors, masonry, drywall, plaster, metal, concrete block, galvanised, aluminium, poured concrete, and glazed brick. Ideal for use on exterior or interior structural steel, piping, metal buildings, control cabinetry, conveyors, pumps, storage tanks, motors, machinery and transportation vehicles. Can also be used in the hard service areas of food processing plants, dairies, schools, restaurants, hospitals, correctional facilities, factories, stadiums, areas and amusement parks.
BENEFITS	Exceptional gloss and colour retention, Low VOC, Easily applied by brush, roller or spray, Excellent resistance to marring, chipping and scratching
PACK SIZE	5 litres units comprising Base: 4.2 litres and Activator: 0.7 litre
COLOUR RANGE	White (tintable), Custom colours.

PERFORMANCE GUIDE

FILM PROPERTIES	
Abrasion Resistance	ASTM D 4060 : Good
Humidity Resistance	ASTM D2247 : Excellent
Elongation	ASTM D522 Method B : Excellent
Impact Resistance	ASTM D2794 : Very Good
Chemical Resistance	ASTM D2247 : Excellent
Stain Resistance	ASTM D1308 – 24hr contact : Excellent. Resist splash and spillage of alkalis, salts, moisture, oils, greases, foodstuffs and detergents ASTM D1308 – 1 week contact : Excellent. Resist stains such as crayon, lipstick, coffee, soil medium, shoe polish, grape juice, ink pen, marker and spray paint
THEORETICAL COVERAGE	A guide to the theoretical coverage which can be achieved under normal conditions is 22.1 m ² /L.

PRODUCT DATA

COMPOSITION (nominal)	Pigment : Lightfast Non-Lead Pigments and Mineral Extenders. Blinder : Acrylic Polyurethane. Solvent : Aromatic Hydrocarbon.
VOLUME SOLIDS (ASTM D2697 – 7 days)	56% (nominal)
FLASH POINT	25°C.
POT LIFE	Up to 8 hours at 25°C & 50% R.H.

APPLICATION

MIXING RATIO MIXING NOTES	6 part Base to 1 part Converter by volume. Mix the base portion to obtain a smooth homogeneous condition. After mixing the base portion, add the converter slowly with continued agitation. The pot life of the mixed material is 8 hrs at 25°C. Higher temperature will reduce working life of the coating; lower temperature will increase it.
THINNING Conventional Spray Airless Spray Brush or Roller	Add up to 1 part of T-9 Thinner to 5 parts of paint (20%). Add up to 1 part of T-9 Thinner to 20 parts of paint (5%). Small amount (5% or less) of T-17 Thinner will improve roller, brush applications.
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 3000 psi with a spray tip size 0.015" – 0.019".
SPRAY NOTES APPLICATION NOTES	Be sure all spray equipment and fluid lines are clean and free of water or non-compatible solvents. Do not apply over wet surface or under very humid conditions where condensation or fog could settle on the coating during the cure process.
SPREADING RATES	For maximum protection in corrosive areas, apply at 7m ² /L or 75 – 135 micros wet. In mild to moderate exposures, apply at 11m ² /L or 50 – 90 micros wet. Make allowance for any losses due to overspray or surface irregularities.
CURING TIMES Recoat At 30°C Hard Dry Full Cure	Single coat at standard thickness: 1 hour minimum. 4 – 6 hours 7 days.
CLEANING UP	Clean all equipment with T-10 Thinner immediately after use.
FILM THICKNESS	Wet: 90 – 135 microns. Dry: 50 – 75 microns.

PRE - APPLICATION

SURFACE PREPARATION	All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances, and be structurally sound. Round off welds and sharp edges and weld splatter.
NEW SURFACES Steel Concrete Block Concrete Floor, Poured Concrete Galvanised Steel and Aluminium	Clean and prime with CATHA-COAT 302 or BAR-RUST 231 Fill with BAR-RUST 231 Cure at least 30 days. Acid etch or abrasive black slick, glazed concrete or concrete with laitance > Prime with BAR-RUST 231, thinned 25%, with recommended thinner or use PRE PRIME 167 Penetrating Sealer. Remove dirt and oils by solvent cleaning or with DEVPREP 88 Cleaner followed by a thorough water rinsing. Prime with BAR-RUST 231
PREVIOUSLY PAINTED SURFACES	Old coatings should be tested for lifting. If lifting occurs, remove them. Otherwise scuff sand glossy areas and aged epoxy coatings. Clean aged epoxy or urethane coatings with DEVPREP 88 Cleaner. Remove rust, cracked and peeling paint. Prime cleaned areas with PRE-PRIME 167 Penetrating Sealer.

PRECAUTION

SAFETY, HEALTHY AND ENVIRONMENTAL INFORMATION

A388-B9500 BASE

HIGHLY FLAMMABLE

Harmful by inhalation and in contact with skin.

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.

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

Take precautionary measures against static discharges.

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.

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 water courses, 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

A388-C0910 CONVERTER

FLAMMABLE.

Harmful by inhalation and in contact with skin.

May cause sensitisation by inhalation and skin contact.

Contains Isocyanates. See information provided by the manufacturer.

If swallowed seek medical advice immediately and show this container or label.

In case of accident by inhalation: remove casualty to fresh air and keep him rested.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Keep out of the reach of children.

Keep away from food, drink and animal feeding stuffs.

Keep away from combustible material.

Use only in well ventilated areas.

Do not breathe dust.

Do not breathe vapour/spray.

Wear suitable protective clothing and gloves.

In case of fire use foam, dry powder, AFFF, CO₂ – Never use water.

Refer to Product Safety Data Sheet for further details.

In case of emergency, refer to Emergency Incident Response Hotline 1800 80 6187.