



Enfield Routemaster 9623

Two pack epoxy road marking paint

Product Data/ Application Instructions

- **Good medium for high reflectivity**
- **Resistant to abrasion**
- **Superior chemical resistance**
- **Superior fuel resistant**
- **Excellent adhesion to Alkaline surfaces such as concrete**

Typical Uses

Line marking paint for:

Old black top, concrete, wood, brick, paving and certain existing thermoplastic and lines. Roads, airport and airfield runways. Car parks, factories and sports facilities.

Overcoating

Can be overcoated with itself if necessary. Surface must be abraded if overcoating after maximum overcoating time has elapsed.

Before using the product, read the label on the can and consult the material safety data sheet.

Physical Data

Appearance when dry	sheen		
Colour	white and yellow		
Components	2		
Mixing ratio by volume.....			
Resin	4.75 parts		
Cure	1 part		
Volume solids	60 ± 3%		
VOC	400 g/l		
Curing mechanism	solvent release and chemical reaction between components.		
	Effective cure down to 10°C/50°F.		
		typical	minimum maximum
Dry film thickness (µm)	160	100	200
Wet film thickness (µm)	267	167	333
(Wet film thicknesses quoted are theoretical for one machine application)			
Theoretical coverage	up to 75 metres of 5 cm		
(at typical dft)	line per litre (248ft of 2 inch line per litre)		
Specific gravity	1.6 kg/l (mixed product)		
Flashpoint			
(closed cup)	°C	°F	
Resin.....	25	77	
Cure	28	82	
Amercoat 12	24	75	

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Surface Preparation

BLACKTOP - May be applied to blacktop at applicators discretion, however, Ameron Coatings recommend a sealer coat Enfield Routemaster 9503 is applied prior to use of Enfield Routemaster 9623.
SYNTHETIC ALL WEATHER SURFACES - Check compatibility prior to use.

EXISTING THERMOPLASTIC - Check compatibility prior to use.

CONCRETE – Substrate should be sound and free from laitence.

NOTE - All surfaces must be dry and free of dust, salts, grease and other contaminants immediately before coating.

Application Methods

MACHINE APPLICATION - is recommended in order to obtain the maximum coverage, film thicknesses and consistency of line. Do not thin the coating.

Ensure surface is clean and dry.

BRUSH - Apply evenly using a clean, well loaded brush; do not attempt to brush out or lay-off the wet coating otherwise correct thickness will not be achieved.

Application Data

Substrate concrete, blacktop

Application methods machine, brush

Potlife (at 20°C/68°F) 8 hours

Environmental Conditions

Relative humidity: up to 90%.

Surface temperature: minimum 10°C/50°F

..... maximum 35°C/95°F

The surface temperature must also be at least 3°C/5°F above the dew point.

Prior to the use of Enfield Routemaster 9623 in hot climates, where surface temperature is likely to exceed 30°C/86°F for long periods, consult your Ameron representative for specific technical advice

Drying Characteristics

Temperature 20°C/68°F

Touch dry 6 hours

Hard dry 24 hours

Full cure 5 days

Overcoating (minimum) 4 hours

Overcoating (maximum) 5 days

NOTE: drying and curing times are dependent on air and steel temperature, applied film thickness, ventilation and other environmental conditions. Times are shorter at higher temperatures and longer at lower temperatures.

Thinner normally not necessary

Cleaner Amercoat 12

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Mixing

Stir the resin component thoroughly, then add the cure and continue mixing until the product is uniform throughout. A powerful mixer should be used.

Shipping Data

Shipping weight

Resin.....	approx. 33 kg (20l unit)
Cure	approx. 4 kg (20l unit)
Resin.....	approx. 9 kg (5l unit)
Cure	approx. 1 kg (5l unit)

Shelf life 1 year when stored indoors in unopened, original containers at 5 to 35°C (41 to 95°F).

Reflectivity To reflectorise, apply Ballotini glass beads 9618 to the wet film at a rate of 400g per square metre.

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Safety

Since improper use and handling can be hazardous to health and cause of fire or explosion, safety precautions included with Product Data/Application Instruction and Material Safety Data Sheet must be observed during all storage, handling, use and drying periods.

Warranty

Ameron warrants its products to be free from defects in material and workmanship. Ameron's sole obligations and Buyer's exclusive remedy in connection with the products shall be limited, at Ameron's option, to either replacement of products not conforming this warranty or credit to Buyer's account in the invoiced amount of the non-conforming products. Any claim under this warranty must be made by Buyer to Ameron in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Ameron of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

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To avoid any confusion that may arise through translation into other languages, the English version of the Product Data/Application Instructions will be the governing literature and must be referred to in case of deviations with product literature in other languages.

Condition of Sale

All our transactions are subject to our Terms and Conditions of Sale.