



# Enfield Routemaster 9503

Water borne acrylic road marking paint

## Product Data/ Application Instructions

- **Fast drying time**
- **Low volatile organic compounds**
- **Skid resistant**
- **May be directly applied to virgin black top**
- **Tested to BS 6044 performance standard**
- **Resistant to diesel spillage**
- **90% luminance for the white line**

### Typical Uses

Suitable for use on:

- Virgin black top, old black top
- Concrete, wood, brick, paving and existing painted lines
- Roads, airports, airfield runways, car parks,
- Factories and sports facilities.

### Overcoating

Can be overcoated with itself and other products from the Enfield Routemaster range if necessary. Before using the product, read the label on the can and consult the material safety data sheet.

### Physical Data

Appearance when dry .....	matt		
Colour .....	white and yellow		
Components .....	1		
Volume solids .....	60 ± 3%		
VOC .....	104 g/l		
Curing mechanism .....	physical drying		

	typical	minimum	maximum
Dry film thickness (µm)	120	110	135
Wet film thickness (µm)	200	183	225
(Wet film thicknesses quoted are theoretical for one machine application)			
Theoretical coverage .....	up to 100 metres of 5 cm		
(at typical dft)	line per litre (330ft of 2 inch line per litre)		
Specific gravity .....	1.7 kg/l.		
Flashpoint (closed cup)	Not applicable		

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## Surface Preparation

**VIRGIN BLACKTOP** -This product may be applied directly to this substrate as bitumen bleed is minimised.

**EXISTING SOUND COATINGS** - Roughen surface mechanically to provide a “key” for the new coating. A test patch is recommended to confirm suitability.

Enfield Routemaster 9503 is not recommended for application over existing thermoplastic lines, particularly where there is a high presence of Ballotini beads.

**SYNTHETIC ALL WEATHER SURFACES** - 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 overcoating.

## Application Methods

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

**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 ..... blacktop, concrete

Application methods ..... machine, brush

Potlife (at 20°C/68°F) ..... not applicable

### Environmental Conditions

Relative humidity: ..... up to 90%.

(Good air movement promotes drying)

Surface temperature: ..... minimum 7°C/45°F

..... maximum 30°C/86°F

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

### Drying Characteristics

Temperature ..... 20°C/68°F

Touch dry ..... 10 minutes

Hard dry ..... 16 hours

Full cure ..... 48 hours

Overcoating (minimum) ..... 2 hours

Overcoating (maximum) ..... -

Thinner ..... normally not necessary

Cleaner ..... water

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## Mixing

Stir thoroughly before use until the product is uniform throughout.

## Shipping Data

Pack size ..... 5 litres

Shipping weight ..... approx. 9.5 kg

Shelf life ..... 1 year when stored indoors in unopened, original containers at 5 to 35°C (41 to 95°F). Do not allow to freeze

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.

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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.

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