

FLAT BLACK ENGINE ENAMEL AEROSOL

Version: 1.0 Date of issue: July 2023

TECHNICAL DATASHEET

A professional quality engine enamel, ideal for use on engine blocks, engine accessories and other surfaces in the engine compartment. RAPTOR Engine Enamel contains ceramic resins that resist temperatures up to 300°C

- Heat resistant up to 300°C
- Superior adhesion and corrosion resistance
- Good chemical resistance against automotive fluids when cured

Product FLAT BLACK ENGINE ENAMEL AEROSOL	Order Code REEFB/AL	Format 10oz Aerosol	Shelf Life 2 years
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APPLICATION INFORMATION



FOR PPE
RECOMMENDATIONS
REFER TO SDS

IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use. This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information.

Surface Preparation



Substrate	Degreaser	Abrasion
<ul style="list-style-type: none"> • Bare steel • Aluminium • Galvanised and zinc coated sheets • Fully cured paint • Polyester bodyfillers and G.R.P 		

HOW TO USE:

1. Clean and degrease. Mask any areas as required
2. Sand surface with P180-P220 sandpaper and reclean.
3. Prime any areas of bare metal with RAPTOR Engine Enamel Primer. When dry, sand with P400-P600 sandpaper and reclean.
4. Thoroughly shake can for at least 2 mins before use.
5. Always wear safety goggles and rubber gloves before spraying.
6. Apply 2 coats @ 15-25cm from surface, waiting 5-10 mins between coats.
7. To clean – invert can and spray until only propellant sprays.
8. Touch dry in 30 mins at 20°C. Allow to dry overnight before use. Heat from the engine will achieve full cure.

Mixing



Shake the aerosol can for at least 2 minutes before use. Reshake for 30 seconds between coats.

Application



Application Temperature	20 °C / 70 °F
Distance from the surface	25 cm / 10 inches
Flash-off at 70°F	10 mins
Dust Free at 70°F	30 mins
Number of Coats	2-3

Overcoating



Apply all coats within 1 hour, for any further coats wait 7 days for paint to cure then abrade with 500 grit.

NOTE: Paint needs to fully cure to obtain desired properties, if curing off the vehicle then bake at 93°C for 1 hour, otherwise the heat associated with normal vehicle breaking use will achieve curing.

TECHNICAL INFORMATION

Physical properties



Appearance	aerosol.
Color	Black
Density	

Storage



Aerosol cans should be stored for two hours at room temperature before use. For long term storage, keep in a dry well ventilated area and away from direct sunlight and frost. To clear the nozzle and maximise the lifespan of your aerosol, always invert the can and spray upside down for a few seconds after each use. Should the nozzle become blocked, remove it from the can and soak it in gentle thinners.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Keep only in original container.

Recommended storage temperature	5-25°C (41 - 77 °F)
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Associated Products



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