

RAPTOR ENGINE ENAMEL PRIMER AEROSOL

Version: 2.0 Date of issue: March 2024

TECHNICAL DATASHEET

A professional quality primer for use prior to the application of RAPTOR Engine Enamel. Ideal for use on engine blocks, engine accessories and other surfaces in the engine compartment. When used in combination with RAPTOR Engine Enamel, it provides a finish which resists temperatures up to 600°F

- Heat resistant up to 600°F
- Superior adhesion and corrosion resistance
- Good chemical resistance against automotive fluids when cured

Product	Order Code	Format	Shelf Life
RAPTOR ENGINE ENAMEL PRIMER AEROSOL	UP4920	10oz Aerosol	2 years

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

- Bare steel
- Aluminium
- Galvanised and zinc coated sheets
- Fully cured paint
- Polyester bodyfillers and G.R.P

Degreaser

Abrasion

- P180-P220 cured primer
- P400-P600 before overcoating

HOW TO USE:

1. Clean and degrease. Mask any areas as required.
2. Sand surface with P180-P220 sandpaper and reclean.
3. Thoroughly shake can for at least 2 mins before use.
4. Always wear safety goggles and rubber gloves before spraying.
5. Apply 2 coats @ 10 inches from surface, waiting 5-10 mins between coats.
6. To clean – invert can and spray until only propellant sprays.
7. Touch dry in 30 mins at 70°F. Allow Engine Enamel Primer to dry for 1 hour and sand with P400-P600 sandpaper before overcoating with RAPTOR Engine Enamel top coat.

Mixing



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

Application



Application Temperature	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



Overcoating window: Up to 4 hours. If allowed to dry longer than 4 hours, wait 24h for the primer to fully cure then abrade with P180-P220 GRIT, degrease and re-apply RAPTOR Engine enamel primer before overcoating.

NOTE: There is no need to cure between primer, topcoat and clearcoat but it is needed after the full system is applied.

TECHNICAL INFORMATION

Physical properties



Appearance	aerosol.
Color	Grey

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 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	41 - 77 °F
---------------------------------	------------

Associated Products



Product	Order Code	Format
RAPTOR ENGINE ENAMEL PRIMER AEROSOL	UP4920	
RAPTOR ENGINE ENAMEL BRIGHT RED AEROSOL	UP4921	
RAPTOR ENGINE ENAMEL FLAT BLACK AEROSOL	UP4924	10oz Aerosol
RAPTOR ENGINE ENAMEL SATIN BLACK AEROSOL	UP4923	
RAPTOR ENGINE ENAMEL GLOSS BLACK AEROSOL	UP4922	
RAPTOR ENGINE ENAMEL GLOSS CLEAR AEROSOL	UP4925	

RAPTOR ENGINE ENAMEL PRIMER AEROSOL

Version: 2.0 Date of issue: March 2024

TECHNICAL DATASHEET