

RAPTOR CALIPER ENAMEL COLOUR AEROSOL

Version: 2.0 Date of issue: March 2024

TECHNICAL DATASHEET

A professional quality enamel, ideal for customising and extending the life of brake calipers. RAPTOR Caliper Enamel contains ceramic resins that resist temperatures up to 500°C

- Heat resistant up to 500°C
- Superior adhesion and corrosion resistance
- Good chemical resistance against automotive fluids when cured

Product	Order Code	Format	Shelf Life
RAPTOR CALIPER ENAMEL REAL RED AEROSOL	RCERR/AL	400ML Aerosol	2 years
RAPTOR CALIPER ENAMEL SATIN BLACK AEROSOL	RCESB/AL	400ML Aerosol	

APPLICATION INFORMATION



FOR PPE
RECOMMENDATIONS
REFER TO SDS

IMPORTANT: 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.

Substrate

- Bare steel
- Aluminium
- Galvanised and zinc coated sheets
- Fully cured paint
- Stainless steel

Degreaser

Abrasion

- P180-P220 before application
- P400-P600 on primed surfaces
- P800-P1000 for cured paint

Surface Preparation



HOW TO USE:

1. Clean and degrease. Mask any areas as required
2. Sand surface with P180-P220 sandpaper and reclean. If primed, sand with P400-P600 sandpaper & 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 @ 15-25cm from surface, waiting 5-10 mins between coats.
6. To clean – invert can and spray until only propellant sprays.
8. Touch dry in 30 mins at 20°C. Ready to handle in 2hrs. Wait a minimum of 5 hours before use
9. Cure the coating:
If on the vehicle, the heat generated by the breaking operation will achieve full cure
If off the vehicle, bake at 100°C for 1 hour.

Mixing



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

Application



Application Temperature	20°C
Distance from the surface	15-25cm
Flash-off at 70°F	10 mins
Dust Free at 70°F	30 mins
Number of Coats	2-3

Overcoating



Overcoating window: Up to 2 hours. If allowed to dry longer than 2 hours, wait 24h for paint to cure then abrade with P800-P1000 GRIT, degrease then re-apply.

NOTE: If you want to overcoat after curing the coating, abrade with P800-P1000 and touch up if substrate is showing through

TECHNICAL INFORMATION

Physical properties



Appearance	Aerosol.
Color	Red, Black

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. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Keep only in original container.

Recommended storage temperature	15-25 °C
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Associated Products



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