

FLAT BLACK FLAMEPROOF AEROSOL

Version: 1.0 Date of issue: July 2023

TECHNICAL DATASHEET

A professional quality, flameproof paint, ideal for use on exhaust manifolds, headers, exhaust systems and other surfaces that require protection from very high heat. RAPTOR Flameproof is based on an advanced ceramic technology and high heat resistant pigments that withstand temperatures up to 1000°C.

- Heat resistant intermittently up to 1000°C
- Superior adhesion
- Good chemical resistance against automotive fluids and common solvents when cured

Product	Order Code	Format	Shelf Life
FLAT BLACK FLAMEPROOF AEROSOL	RFLFB/AL	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	Degreaser	Abrasion
<ul style="list-style-type: none"> • Bare steel 		

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 Flameproof Primer. When dry, denib as required with sandpaper only use waterbased degreaser to clean.
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 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.
9. To achieve full cure:
If on the vehicle, run at idle for at least 30 minutes. Let it cool down and run again under normal driving conditions for at least 30 mins.
If off the vehicle, bake at 250°C for 1 hour.

For optimum properties it is recommended to use flat black flameproof aerosol in conjunction with flameproof primer

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 20°C / 70°F	10 mins
Dust Free at 20 °C / 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 250°C for 1 hour, otherwise the heat associated with the vehicle use will achieve curing by running at idle for 30min, cooling for 20min, running under normal operating conditions for 30min.

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



Product	Order Code	Format
FLAT BLACK FLAMEPROOF AEROSOL	RFLFB/AL	10oz Aerosol