

# FLAMEPROOF GREY PRIMER AEROSOL

Version: 1.0 Date of issue: July 2023

## TECHNICAL DATASHEET

A professional quality primer for use prior to the application of RAPTOR Flameproof. Ideal for use on exhaust manifolds, headers, exhaust systems and other surfaces that require protection from very high heat. RAPTOR Flameproof Primer uses advanced ceramic technology that withstands 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

<b>Product</b> FLAMEPROOF GREY PRIMER AEROSOL	<b>Order Code</b> RFLPG/AL	<b>Format</b> 10oz Aerosol	<b>Shelf Life</b> 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



<b>Substrate</b>	<b>Degreaser</b>	<b>Abrasion</b>
<ul style="list-style-type: none"> <li>• Bare steel</li> </ul>		

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 @ 15-25cm from surface, waiting 10 mins between coats.
6. To clean – invert can and spray until only propellant sprays.
7. Touch dry in 30 mins @20°C. Allow Flameproof Primer to dry for 1 hour and denib as required with sandpaper only use waterbased degreaser to clean before overcoating with RAPTOR Flameproof.
8. To achieve full cure after RAPTOR Flameproof is applied and allowed to dry overnight:  
If on the vehicle, run at idle for at least 30 mins. Let it cool down and run again under normal conditions for at least 30 mins.  
If off the vehicle, bake at 250°C for 1 hour.

### Mixing



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

### Application



<b>Application Temperature</b>	20 °C / 70 °F
<b>Distance from the surface</b>	25 cm / 10 inches
<b>Flash-off at 20°C / 70°F</b>	10 mins
<b>Dust Free at 20 °C / 70°F</b>	30 mins
<b>Number of Coats</b>	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. There is no need to cure between primer and topcoat but it needs after the full system is applied

## TECHNICAL INFORMATION

### Physical properties



<b>Appearance</b>	aerosol.
<b>Color</b>	Grey
<b>Density</b>	

### 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.

<b>Recommended storage temperature</b>	5-25°C (41 - 77 °F)
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### Associated Products



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