

## TECHNICAL DATA SHEET

# SILVER ZINC GUARD MATCH

## Bright Silver Zinc Gal Paint

Code 1481M



### DESCRIPTION

Callington's Silver Zinc Guard Match is designed to be used over hot-dip galvanising after repairs or installations have been performed. It matches hot dip galvanising as a topcoat final finish on a multitude of surfaces.

Callington's Silver Zinc Guard Match is ideal for touch-ups and to cover welded joints on metal structures and is suitable for all types of ferrous heavy to mild gauge steel substrates.

### FEATURES & BENEFITS

- Perfect match to hot dip galvanising
- 2-in-1 formula to protect & match in one easy step
- Superior adhesion properties, allowing for long term protection
- 98% zinc purity
- Ready to use aerosol with no additional mixing or additives required
- Can be used as a topcoat on Silver Zinc Guard Rich
- Compatible with Colourbond, Zinalume, DuraGal

### APPLICATION

Callington Silver Zinc Guard Match can be used in many applications such as fabrication, construction, over welding, bridges, fencing, structural, steel, hot-dip deep repairs, boat and marine equipment, electrical installation equipment, air conditioning, heating systems, tanks, pipes, underground equipment, wrought iron, handrails, balustrading, and signposts.



### SURFACE PREPARATION / DIRECTIONS FOR USE

1. The metal iron surface must be cleaned thoroughly and be free of any low surface tension modifiers such as dust, wax, grease, oils, and anti-rust additives.
2. Remove all traces of rust by wire brushing or mechanical means until a rust-free metal surface has been achieved.
3. Wipe the surface clean with solvent using a rag to remove traces of iron filings that may have been generated during the sanding operation. Allow the surface to dry thoroughly.
4. Do not use a rust converter as this will lead to gassing and bubbling in the Silver Zinc coat due to the acid of the rust converter reacting with zinc dust and thus rendering it inactive.

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### SPRAY APPLICATION

- The aerosol should be shaken well to ensure contents are thoroughly mixed before using. Correct mixing will ensure a smooth uniform coating of the product.
- To provide maximum surface protection the surface must be thoroughly prepared.
- For best results on abrasive blasting, remove mill scale and any other surface contamination such as rust surface. This should be prepared for AS1627.9 Class2.
- Apply in even smooth strokes. Applying several light coats is better than applying one heavy coat.
- After spraying, invert the can and press the nozzle, this clears the jet for a quick start on the next application.
- The average thickness is a double pass coating (2 coats) thickness will be an average of 40um.

**NB:** When using an aerosol, the applications achieved vary from person to person. The slower you move over an area when spraying/applying more of the product will be applied. The faster you move when spraying/applying less of the product will be applied.

### DRYING AND RECOATING

Callington's Silver Zinc Guard Match will touch dry in 6 -7 minutes, dry in 30 minutes and can be recoated after 1 hour. Allow for longer drying times during cold winter conditions. It is best to apply at temperatures in the range 15 - 30°C. Callington's Silver Zinc Guard Match will fully cure within 1-2 days.

### COVERAGE

Approximately 1.2m<sup>2</sup> per can. Coverage is also dependant spraying technique.

### DURABILITY

When applied at 40 microns dry film thickness, Callington Silver Zinc will provide a minimum of 4 to 5 years of service on exterior exposure. Higher film thickness will prolong longevity. Recoating at intervals will serve to repair damaged areas and prolong the coating's life.

### ORDERING INFORMATION

Product Code	Packaging	Units/Carton
1481M/400	400gram aerosol	12 units

### DANGER

Extremely flammable aerosol. Harmful If swallowed or Inhaled. Causes skin Irritation and serious eye Irritation. Suspected of causing cancer and damaging the unborn child. May cause respiratory Irritation, drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. May be fatal If swallowed and enters airways. Harmful to aquatic life with long lasting effects. Risk of explosion If heated under confinement.

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### PRECAUTION

Keep away from heat/sparks/ open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe gas. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

### FIRST AID

If exposed or concerned: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/ attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

### STORAGE & DISPOSAL

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122° F. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to authorised hazardous or special waste collection point in accordance with any local regulation.

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Created 29<sup>th</sup> July 2021 Date Printed 3/08/2021 11:38 AM