

# ZincDek Cold Galv Aerosol



## DESCRIPTION

One component solvented air drying, metallic zinc pigmented primer supplied in an aerosol can

## INTENDED USE

**Speccoats ZincDek Cold Galv Aerosol** is an organic based zinc rich primer, providing anti-corrosion protection to galvanized and steel substrates, for the use under a range of topcoat systems. Used for repairing defects on galvanized items after suitable preparation and priming.

**Speccoats ZincDek Cold Galv Aerosol** can be applied as a stand-alone coating on galvanized surfaces

## PRODUCT FEATURES

- Convenient Aerosol application
- Adheres well to clean steel and galvanized substrates.
- Can be used for repair of damaged galvanized surfaces.
- Can be used as a touch-up primer for inorganic zinc primers.
- Can be over-coated by a range of topcoats – acrylics, epoxies, polyurethanes, vinyl's etc.
- Dry service temperature up to 70°C

## LIMITATIONS

- Not resistant to acids or alkali outside the pH range of 6 to 8.

## STANDARD COLOUR AVAILABILITY

Metallic Grey



## PRODUCT INFORMATION

| Product Data           |                                     |
|------------------------|-------------------------------------|
| Components             | 1                                   |
| Density                | 1.04 kg/lit                         |
| Volume Solids          | 10%                                 |
| Mass Solids            | 27%                                 |
| Film Thickness         | Wet – 100 µm<br>Dry – 10 µm         |
| Spreading Rate         | 5m <sup>2</sup> /lit at 20µm DFT    |
| Temperature Resistance | 60°C Dry                            |
| Appearance             | Same as Hot-Dip Galvanized Surfaces |
| VOC                    | 262g/400ml                          |

## PACKAGING

- 400ml Aerosol cans



## SURFACE PREPARATION

- Degrease surfaces with **Speccoats Hydrosolve** followed by a high pressure water rinse
- **Steel surfaces** - Grind and fettle weld spatter, protrusions & sharp edges to a minimum radius of 2mm
- Surface must be free from any surface contaminants such as oils, grease, dust etc.
- **Galvanized Surfaces** –abrade the galvanized surface with Scotchbrite pad to remove zinc oxidation products. Clean using a solvent wipe prior to application. Do not coat un-abraded areas



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## APPLICATION

### Mixing

- Shake the can until the 'ball' loosens and can be heard rattling in the can.

### Application – Equipment & Methods

|               |  |
|---------------|--|
| Aerosol Spray | Apply uniform, even coating by spraying from a distance of 300 – 400mm away from the object. Movement should be parallel to the object |
|---------------|--|

### Thinning

- N/A

### Cleaner

- Cleaning is done with **Speccoats Universal Reducer**

## APPLICATION ENVIROMENT

| Level   | Surface Temperature | Ambient Temperature | Relative Humidity |
|---------|---------------------|---------------------|-------------------|
| Minimum | 5°C*                | 8°C                 | 40%               |
| Maximum | 45°C                | 45°C                | 85%               |

\*or 3° above the dew point

## DRYING TIME

| Touch dry                              | Over-coating interval        |         | Dry to handle                | Full Cure                  |
|--|------------------------------|---------|------------------------------|----------------------------|
|  | Minimum                      | Maximum |                              |                            |
| 1-2 Minutes at 25°C for 75µm at 65% RH | 30 minutes at 25°C at 65% RH | N/A     | 30 minutes at 25°C at 65% RH | 12 hours at 25°C at 65% RH |

## STORAGE AND HANDLING

**Storage -** Store at temperatures between 5°C and 40°C, away from direct sunlight, open flames or sparks

**Shelf Life -** use before 12 months from production date

**Flash Point -** 5°C

## HEALTH AND SAFETY

- Adequate ventilation should be provided during use
- Flammable – Keep away from sources of ignition
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

## DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. ISSUE DATE 18/07/2011