

# Coatgard™ P70

## Epoxy Primer

### PRODUCT DESCRIPTION

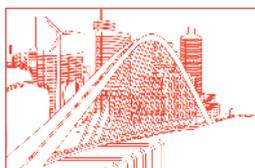
A two pack, general purpose epoxy based zinc phosphate primer.

### PRODUCT HIGHLIGHTS

- Formulated without lead and chromium VI compounds<sup>1</sup>
- Can be applied easily by brush, roller or spray
- Good anticorrosive properties
- Extended overcoating interval
- Best in class drying time

<sup>1</sup> - May contain traces within permissible limits due to impurities in fillers

### INTENDED USE



For use on suitably prepared surfaces both in new construction and as an industrial maintenance primer in a wide variety of environments. This product can also be used as a primer for general purpose OEM industry.

### TECHNICAL SPECIFICATION

|                              |  |
|------------------------------|--|
| <b>Color</b>                 | Gray and Red   |
| <b>Gloss</b>                 | Matt   |
| <b>Typical thickness</b>     | 40 - 75 microns dry equivalent to 88 - 166 microns wet |
| <b>Theoretical coverage</b>  | 6 - 11.25 m <sup>2</sup> /liter                        |
| <b>Flash point (typical)</b> | Part A 25°C ; Part B 25°C ; Mixed 25°C                 |
| <b>Mixing ratio</b>          | 4 (Part A) : 1 (Part B) by volume                      |
| <b>Method of application</b> | Brush, roller and spray                                |
| <b>Thinner</b>               | Coatthin™ Epoxy  |

### DRYING TIME @ 25°C - OVERCOATING INTERVAL WITH TOPCOATS

| Touch dry | Hard dry | Minimum | Maximum               |
|-----------|----------|---------|-----------------------|
| 1 hour    | 8 hours  | 8 hours | Extended <sup>2</sup> |

<sup>2</sup> See CoatIN Definitions and Abbreviations

|                                |         |
|--------------------------------|---------|
| <b>Working pot life @ 25°C</b> | 6 hours |
|--------------------------------|---------|

### SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000. Oil and grease should be removed in accordance with SSPC-SP1 solvent cleaning.

#### Abrasive blast cleaning

Abrasive blast clean to Sa2½ (ISO 8501-1:2007) or SSPC-SP10. If oxidation has occurred between blasting and application of Coatgard™ P70, the surface should be reblasted to the specified visual standard. Surface defects revealed by the blast cleaning process should be ground, filled, or treated in the appropriate manner.

## APPLICATION CARE



The product consists of two packs. 'Part A' which is the base and 'Part B' which is the curing agent. Always mix thoroughly both parts before use. Combine 'Parts A & B' according to the mix ratio given in the 'Technical Specification' section. Mix thoroughly. The material should be filtered prior to use. Do not thin more than allowed by local environmental legislation.



All unused material should be stored in tightly closed containers. Partially filled containers may show skinning and/or viscosity increases of the material after storage. All surplus material and empty containers should be disposed of in accordance with appropriate local regulation.



When applying, the most important factors to consider are the condition of the substrate, the surface temperature, and the atmospheric conditions at the time of painting. Paint application should only be carried out under good atmospheric conditions.

For optimum application and drying characteristics, painting should NOT be undertaken:

- When the surface temperature is less than 3°C above dew point
- During fog or mist conditions or when rain or snow is imminent
- When the surface to be painted is wet with condensation or when condensation can occur during the initial drying period of the paint

## SYSTEM COMPATIBILITY

The following topcoats are recommended for Coatgard™ P70

- Coatgard™ F72 - two pack epoxy finish
- Coatthane™ F81 - two pack acrylic aliphatic polyurethane finish

## SAFETY PRECAUTIONS

This product is intended for use only by professionals in accordance with the advice given on this product data sheet, Material Safety Data Sheet (MSDS) and the container(s). This product should not be used without referring to the Material Safety Data Sheet (MSDS).

## PACK SIZE

|           |          |        |              |               |        |             |              |
|-----------|----------|--------|--------------|---------------|--------|-------------|--------------|
| Unit Size | 20 liter | Part A | Vol 16 liter | Pack 20 liter | Part B | Vol 4 liter | Pack 5 liter |
| Unit Size | 5 liter  | Part A | Vol 4 liter  | Pack 5 liter  | Part B | Vol 1 liter | Pack 1 liter |

## SHIPPING WEIGHT

|           |          |        |          |        |         |
|-----------|----------|--------|----------|--------|---------|
| Unit Size | 20 liter | Part A | 27.12 kg | Part B | 3.96 kg |
| Unit Size | 5 liter  | Part A | 6.7 kg   | Part B | 1.05 kg |

## STORAGE

Shelf Life: 12 months minimum at 25°C. Subject to re-inspection thereafter. The sealed container should be stored in dry, shaded conditions away from sources of heat and ignition.

### Important Note

*The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product. This Technical Data Sheet is available on our website at [www.coatin.in](http://www.coatin.in), and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.*

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