

# GAZ- CR07 Anti Corrosive Zinc Phosphate Primer



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| <b>Product Code</b>                            | <b>GAZ-CR07</b> Anti Corrosive Zinc Phosphate Primer  |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
|--|---|--------------------|----------------------|------------|----|---------------------|-----------|----------|----------------------|--|---------|---------|------|---------|----------|----------|------------|------|--------|----------|----------|------------|------|--------|---------|---------|------------|
| <b>Description</b>                             | A high build single pack quick drying alkyd anti-corrosive primer pigmented with zinc phosphate and micaceous iron oxide pigment with dry heat resistance up to 175°C   |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| <b>Recommended Use</b>                         | <p>Designed to use a post fabrication primer in new construction for either conventional or chlorinated rubber systems.</p> <p>Suitable as a primer for both interior conditions in moderately aggressive environmental</p> <p>Can be applied as surface tolerant alkyd primer to most surfaces.</p> <p>Capable of withstanding dry heat up to 175°C.</p>   |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| <b>Performance</b>                             | <ul style="list-style-type: none"><li>Excellent anti-corrosive property</li><li>Good resistance to moisture</li><li>Moderate resistance to aliphatic solvents</li><li>Good resistance to abrasion and weather</li></ul>   |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| <b>Physical Properties</b>                     |   |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Volume Solids                                  | 47%   |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Theoretical Coverage                           | 6.3 m <sup>2</sup> /litre @ 75 microns DFT  |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Type   | One components  |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Packing Ratio                                  | None  |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Colour Availability                            | Natural Red Oxide or Green  |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Flash point                                    | 36°C  |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Recommended Thickness                          | 75 microns DFT  |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Recommended Thinner                            | Thinner No.1  |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Practical Application Rates – Microns per coat | Airless Spray   | Conventional Spray | Brush                | Roller     |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
|  | Dry   | 75                 | 75                   | 30         | 30 |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
|  | Wet   | 160                | 160                  | 64         | 64 |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Average Drying Time                            | <table border="1"><thead><tr><th rowspan="2">Ambient Temperature</th><th rowspan="2">Touch Dry</th><th rowspan="2">Hard Dry</th><th colspan="2">Overcoating Interval</th></tr><tr><th>Minimum</th><th>Maximum</th></tr></thead><tbody><tr><td>15°C</td><td>2 Hours</td><td>24 Hours</td><td>24 Hours</td><td>Indefinite</td></tr><tr><td>25°C</td><td>1 Hour</td><td>12 Hours</td><td>16 Hours</td><td>Indefinite</td></tr><tr><td>35°C</td><td>½ Hour</td><td>6 Hours</td><td>8 Hours</td><td>Indefinite</td></tr></tbody></table> |                    |                      |            |    | Ambient Temperature | Touch Dry | Hard Dry | Overcoating Interval |  | Minimum | Maximum | 15°C | 2 Hours | 24 Hours | 24 Hours | Indefinite | 25°C | 1 Hour | 12 Hours | 16 Hours | Indefinite | 35°C | ½ Hour | 6 Hours | 8 Hours | Indefinite |
| Ambient Temperature                            | Touch Dry   | Hard Dry           | Overcoating Interval |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
|  |   |                    | Minimum              | Maximum    |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| 15°C   | 2 Hours   | 24 Hours           | 24 Hours             | Indefinite |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| 25°C   | 1 Hour  | 12 Hours           | 16 Hours             | Indefinite |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| 35°C   | ½ Hour  | 6 Hours            | 8 Hours              | Indefinite |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Packing  | 5 litres  |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| Shelf Life                                     | 12 months under normal condition  |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |
| <b>Surface Preparation</b>                     | <b>Steel</b><br>Remove all max, oil and grease by solvent cleaning in accordance with guideline given by SSPC-SP1.<br>Soluble salt, dirt and dust must be removed prior to coating. Dry brushing should be sufficient. A fresh water wash must be followed to remove all soluble salts.<br>Mechanically clean the surface using hand and power tools to a minimum standard of St.2 (ISO8501-1:1988) or SSPC-SP2 to avoid polishing the surface.   |                    |                      |            |    |                     |           |          |                      |  |         |         |      |         |          |          |            |      |        |          |          |            |      |        |         |         |            |

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## Application Data

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|--------------------------|---|
| Application methods      | Brush /Roller, Conventional Spray and Airless Spray.  |
| Mixing ratio (By volume) | None  |
| Thinner                  | Thinner No.1  |
| Thinner Consumption      | Brush – 0-5%<br>Conventional Spray – 5-10%<br>Airless Spray – 0-5%  |
| Airless Spray            | Nozzle Size : 0.43 -0.54mm (17-21thou)<br>Fan Angle : 40°<br>Operating Pressure : 110-150kg/cm <sup>2</sup> (1600-2100 psi)                         |
| Conventional Spray       | Nozzle Size : 1.27mm (50 thou)<br>Atomising Pressure : 3.5kg/cm <sup>2</sup> (50 psi)<br>Fluid Pressure : 0.7 – 1.0 kg/cm <sup>2</sup> ( 10-15 psi) |
| Brush                    | This product is suitable for brush application.   |
| Roller                   | This product is suitable for roller application   |



## Application Conditions And Over coating

This product should preferably be applied at temperature in excess of 10°C .In conditions of high relative humidity i.e 80-85%, good ventilation conditions are essential. Substrate temperature should be at least 3°C above the dew point.  
At application temperature below 10°C, drying and curing time will be significantly impaired.  
**Application at temperature below 5°C is not recommended.**  
If it is desired to overcoat outside the times stated on this data sheet, please seek advice from **Gazpro Lubricants Sdn Bhd** representative.

## Health And Safety

Consult Chemical Safety Data Sheet for information On Safe Handling and application of this product.



## Disclaimer

The information in this sheet is provided the best of our knowledge based on laboratory testing and practical experience. However, as the product is often under conditions beyond the manufacturer's control, it is the sole responsibility of the buyer to obtain confirmation from the suitability of the product for the intended use. Therefore, the manufacturer can accept no liability for the performance of the product, or any loss or damage arising out of such use. The information detailed in this data sheet is subject to change without notice in light of experience and of normal product development.