



# RAINBOW

## ONE-PACK POLYURETHANE MAINTENANCE PRIMER

|                              |  |
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| PRODUCT NUMBER               | No.700   |
| TYPE                         | A one-pack, moist curing type of primer that based on polyisocyanate resin along with rust inhibitors such as zinc powder, flake and rust-converter.   |
| USES                         | Used on steel structures, bridges, tanks and steel piping for touch-up and rust inhibition.  |
| COLOR                        | Gray and brown   |
| CHARACTERISTICS              | <ol style="list-style-type: none"><li>1. One-pack packaging can result to cost-effectiveness and time saving.</li><li>2. Moist curing type of coating can be applied under highly humid environment.</li><li>3. Excellent permeability to surface due to low viscosity of coating. It can tightly seal and adhere the steel structure surface and its rusty façade.</li><li>4. Suitable to the rusty steel surface that can only be cleaned by hand or by high pressure water but is unable to clear by blasting.</li><li>5. Excellent chemical &amp; water resistance and weatherability. Qualified by the standard of CNS 10757 K6801 3,000 hrs Salt Spray Test.</li><li>6. It is fast to dry so as to shorten application period.</li></ol>   |
| COLOR                        | Brown an gray  |
| HIDING POWER                 | Above 10 m <sup>2</sup> /L   |
| WEIGHT                       | Above 2.2 Kg/L   |
| VISCOSITY (25°C)             | 80~100 KU  |
| DRYING TIME (25°C)           | Set-to-touch 30 min. Dry hard 3 hrs.   |
| OPTIMUM FILM THICKNESS       | Wet 100 μ (microns) Dry 60 μ (microns)   |
| THEORETICAL COVERAGE         | 38.0 m <sup>2</sup> /Gal 10.0 m <sup>2</sup> /L 4.55 m <sup>2</sup> /Kg  |
| OVERCOATING INTERVALS (25°C) | Min. 3hrs. Max. 30 days  |
| NON-VOLATILES CONTENT        | Above 70%  |
| THINNER                      | No.736 Thinner   |
| THINNING RATE                | 0~5% ( Excluded use for cleaning )   |
| PRECEDING COATING            | Polyurethane coating, Epoxy series topcoats & Yung Flon Topcoat, Toplong Coating.  |
| APPLICATION METHOD           | Airless spray, brush or spray  |
| STORAGE SHELF LIFE           | Minimum 6 months under normal storage conditions.  |
| NOTE                         | <ol style="list-style-type: none"><li>1. Adhered moisture, grease, and dirt on substrate must be cleaned thoroughly.</li><li>2. Using specified thinner to avoid formation of bubble and pinhole.</li><li>3. Due to the limit of pot life, once the container is opened, it must be used up within 3 says.</li><li>4. Since the paint is easy to react with moisture in air and causes bubble and gelation as a result. Therefore, the container should be tightly closed to avoid the reaction with moisture. After it is opened, the thinner should be added to leftover or to sealed the container so as to prevent the formation of bubbles and gelation.</li><li>5. The supervision over application is necessary, because DFT above 80 μ (microns) in one coat may cause bubble.</li></ol> |

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