

# **BRIGHTO EPOXY ZINC CHROMATE PRIMER**

<b>General Description</b>	<b>Brighto Epoxy Zinc Chromate Primer</b> is specially designed primer used on mild steel, industrial machinery carbon steel, concrete, galvanized steel etc. It has zinc enriched properties. It is two component system provides heavy duty coating. It has high rust resistance property.
<b>Recommend Usage</b>	Primer coat for Industrial areas with heavy loading production plants industrial machinery, industrial installation, etc. it is suitable for mild steel surfaces.
<b>Pack Size</b>	Base 4 Liters, 16 Liters Hardener 1 Liter, 4 Liters
<b>Colour</b>	Red Oxide / Red
<b>Composition (Nominal)</b>	Pigment: Inert Pigments / Zinc Binder: Epoxy Resin, Polyamide Resin Solvent: Volatile Solvents DAA, IPA, XYLENE
<b>Finish</b>	Smooth / Sheen
<b>Volume Solids</b>	47 ± 2% (nominal)
<b>Specific Gravity Base</b>	Base Or Component A: 1.310 ± 0.05
<b>Specific Gravity Hardener</b>	Hardener Or Component B: 0.920 ± 0.05
<b>Mixing Ratio</b>	Base: Hardener (4:1) volume / volume
<b>Pot Life</b>	5 - 6 hours (30°C); 1 - 2 hours (above 40°C);
<b>Induction Time</b>	Use after 15 - 20 minutes (30°C) after mixing
<b>Film Thickness/Coat</b>	Wet: 50 - 75 Micrometers Dry: 23 - 35 Micrometers
<b>Drying Times</b>	Depends on temperature, humidity, air movements and film thickness
<b>Surface Dry Recoat</b>	4 – 5 hours (30°C) 7 – 8 hours (below 15°C) 7 – 8 hours (30°C) 72 hours (below 15°C)
<b>Curing Period</b>	7 Days

<b>Theoretical Coverage</b>	A guide to the theoretical coverage which can be achieved under normal conditions is 13 - 20 m <sup>2</sup> /liter /coat.
<b>Application:</b>	Brush, Roller, Scraper and Special Tools
<b>Thinning</b>	10 – 15 % with Brighto Epoxy Thinner (Roller, Brush and Scraper)
<b>Cleaning Up</b>	Clean all equipment with Brighto Epoxy Thinner immediately after use.
<b>Surface Preparation</b>	Before application, the surface should be clean, dry (moisture free) and free from oil, grease, dust, wax etc. Rub down the surfaces with the help of abrasive paper/sand stone or mechanical grinder. Sand blasting where required. Clean the surface dust free. Apply 1 – 2 coats of Brighto Epoxy Zinc Chromate Primer. Allow to dry. Slightly rub down the surfaces with the help of abrasive paper. Clean the surface till dust free. Apply 2 – 3 coats of Brighto Epoxy Flooring Topcoat / Topcoat Gloss. Stir the product thoroughly before use and after mixing properly with component A and component B in recommended ratio. Mix both components (in recommended ratio) as required to current work area and keeping pot life time mentioned above (avoid extra mixing).
<b>Shelf Life</b>	12 months in original sealed container, proper storage condition (Below 30°C).
<b>Safety, health and Environmental information</b>	Highly inflammable. Keep container tightly closed, up right and out of reach of children. Keep away from the source of ignition e.g. cigarette, matchbox, lighter etc. Protect from extreme of temperature and store in a cool and dry place. Keep away from food, drink and animal feeding stuff. Keep container tightly closed. Wear suitable gloves, mask and safety goggles during application. Do not breathe in vapor and spray mist. May cause Irritating to eyes, skin and respiratory system. Repeated exposure may cause skin dryness. Avoid contact with eyes and skin. In case of contact with eye rinse immediately with plenty of water and seek medical advice. If swallowed, rinse mouth with plenty of water (only if the person is conscious) shows this container or label to a medical practitioner. Its vapor may cause drowsiness and dizziness. In case of fire use foam, dry powder, CO2 fire extinguisher. Never use water. Take precautionary measure against static charges. Use only in well ventilated place. Very toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment. Dispose of paint waste in accordance with the appropriate environment quality regulation.

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