

**== ONE COMPONENT INORGANIC ZINC ETHYL SILICATE PRIMER 11014 ==**

<b>Description:</b>	<b>It is a one component inorganic zinc ethyl silicate primer used as anti corrosive primer for different purposes.</b>
<b>Advantages:</b>	<ul style="list-style-type: none"> <li>• High resistance to solvent and vapors.</li> <li>• High resistance to high temperature.</li> <li>• Very high adhesion.</li> <li>• Flow and easy to use.</li> <li>• Fast drying.</li> </ul>
<b>Fields of application:</b>	<ul style="list-style-type: none"> <li>• Used as a protective coating in ship building both below and above water line.</li> <li>• Used in internal and external coating of storage, supply tanks and solvent carriers.</li> <li>• Used in coating pipelines and fitting, cooling and other installations in the chemical industry and refineries.</li> <li>• Used in chimneys funnels, flue gas exhaust systems (boilers in power stations)and rotary tubular one cylindrical kilns.</li> </ul>
<b>Color:</b>	Gray.
<b>Finish:</b>	Flat.
<b>Specific gravity:</b>	2.5 gm / cm <sup>3</sup>
<b>Solid by volume:</b>	57 % (approx.).
<b>Solid by weight:</b>	85 % ± 2.
<b>Theoretical spreading rate:</b>	4 - 5 m <sup>2</sup> / kg (at D.F.T 50 micron).
<b>Wet film thickness:</b>	100 microns.
<b>dry film thickness:</b>	57 microns.
<b>Drying time:</b>	<ul style="list-style-type: none"> <li>• Surface: 30 min. (at 25°C &amp; 60% R.H.).</li> <li>• Complete: 24 hrs. (at 25°C &amp; 60% R.H.).</li> </ul>
<b>Time to recoat:</b>	<ul style="list-style-type: none"> <li>• Min.: 24 hrs. (at 25°C &amp; 60% R.H.).</li> <li>• Max.: no limit.</li> </ul>
<b>Shelf life:</b>	6 months in its closed original cans at good stores in ideal conditions.
<b>Thinner:</b>	No. 10152 (PACHIN thinner).
<b>Method of application:</b>	<ul style="list-style-type: none"> <li>• By airless spray: Nozzle orifice: 0.019" - 0.021" Nozzle pressure: 150 bar</li> <li>• By brush (for small areas)</li> </ul>
<b>Surface preparation:</b>	<ul style="list-style-type: none"> <li>• Surface to be coated must be prepared by blasting to Sa 2½</li> <li>• The surface roughness (peak to valley height) should be 25 - 40 microns.</li> </ul>