

# Dzc Cold Galvanizing Compound

Technical Data Sheet

<b>DESCRIPTION</b>	Dzc is single pack of multi-functional long-term anticorrosion coating which consist of special resin and ultra-fine pure zinc metal powder and additive. °
<b>USAGE</b>	The coating is suited for long-term protection for steel structure. Such as factory, pipelines, bridge and steel structure for new-build or maintenance. °
<b>CHARACTERISTICS</b>	<ol style="list-style-type: none"><li>1.A single pack coating is much more user-friendly, suitable for varied types of methods of application. Such as brushing or spraying. °</li><li>2.It is very use for maintenance projects, due to customer can choose different specifications of surface prepared in accordance with the situation of structure and service life. °</li><li>3.The coating not only dries rapidly, but also can recoat by itself. It is convenient to design of various film thickness. °</li><li>4.Recommended to be a pre-coat but is not affect by cutting and welding. °</li><li>5.Good adhesion to galvanize steel. °</li><li>6.Zinc contents <math>96\pm 1\%</math> of dry film and conductive resistant reach to <math>1K\Omega</math> below, shall be have cathode protection effectively. °</li><li>7.Good flexible. No cracking by <math>180^\circ</math> bend test and impact test in the specified thickness. °</li><li>8.Good heat resistance. Can be stand the heat for <math>-30^\circ\text{C} \sim 200^\circ\text{C}</math> sustained and for <math>400^\circ\text{C}</math> intermittently. °</li><li>9.Excellent anticorrosion. Can be pass salt-fog test above 4000 hours in <math>75\mu\text{m}</math> dry film thickness above. In addition, also can apply to rusty steel that retarded the growth of rust. °</li><li>10.Because <math>3-5\mu\text{m}</math> zinc powder is ingredient of Dzc, the film get more dense and better effective of barrier after exposed. °</li><li>11.Can be alterative of one coat or multi-coat. It is not necessary top coat that only Dzc can reach the conventional zinc coating system of anticorrosive ability. °</li></ol>

<b>COLOR</b>	Gray. ◦ Liquid	<b>GLOSS</b>	Flat. ◦	
		:		
<b>SPEC GRAVITY</b>	2.5KG/L above. 30Kg/3GL/CA	<b>Part</b>	#96200/200°C	#96150/150°C
		<b>Number</b>	: #96080/80°C	
<b>VISCOSITY</b> (25°C)	70-90KU ◦			
<b>DRYING</b> <b>TIME(25°C)</b>	Tack-free within 10 mins; hardness; within 4 hours; full hardness; within 5 days. BY VOLUME : 37% minimum. ◦			
<b>APPLICATION</b> <b>COVERAGE</b> (THEOR.)	Air-spray, airless-spray, brush. RECOMMENDED DFT. : 40µm (one coat). ◦ 5~8 m <sup>2</sup> /L ◦			
<b>SUITABLE</b> <b>TOPCOAT</b> <b>COATING</b> <b>INTERVAL</b>	Acrylic paint, rubber chloride paint, wash primer, epoxy paint and polyurethane paint. ◦ Recoat, 2 hours above; overcoat; 24 hours above. ◦			
<b>SHELF</b> <b>LIFE(25°C)</b>	In normal condition, one year, at least. ◦			
<b>REMARKS</b>	Practical coverage depends on substrate, labor skill, application method and weather conditions etc. Under brushing application the actual coverage is estimated at 70% of the theoretical coverage, and 60% for spraying. ◦ Suitable application conditions: The substrate temperature must be 3°C higher than dew point, relative humidity not over 85%, ambient temperature between 5°C~40°C and below 7 m/sec of wind speed. ◦ Keep good ventilation during application. ◦ Mix thoroughly and keep stirring during application. ◦ The product must be stored in a good ventilation and cool place, and keep away from heat, sparks and flame. ◦ To recoat after ling-time exposure, must clean the coated surface free from dust, grease or rusted point. ◦ When exceeding the specified overcoat duration, the to-be painted surface must be prepared by proper surface treatment to ensure adequate adhesion between coatings. ◦			

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