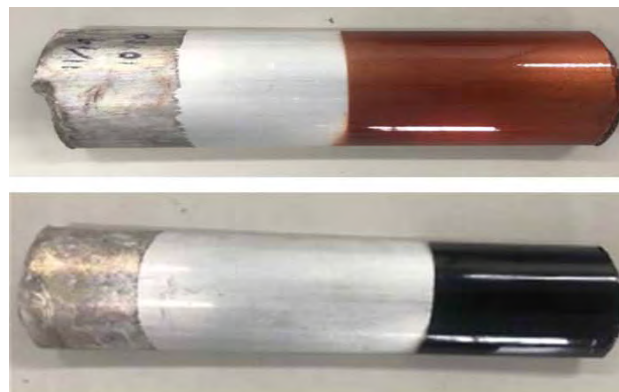




## AL100/AL200 Chrome-Free Color Metal Nano Coating

Anodizing is suitable only for wrought aluminum while not applicable to die-cast aluminum. Due to its porous surface, trapped gas and oil residues, and high impurity content, die-cast aluminum tends to turn black during acid treatment and suffers from poor coating adhesion and uniformity.

TrueEco's advanced coating technology forms strong chemical bonds, enabling reliable application on die-cast aluminum with excellent corrosion resistance and adhesion. Provides a reliable and scalable coating solution for all type of aluminum.



AL200 on AL6061 parts, first apply the primer, then apply the top coating. With a film thickness of  $>15\ \mu\text{m}$  and a neutral salt spray for 2000 hours, it still remains bright and free of rust spots. The left side of the sample is obviously rusted without coating.

	Substitutable for	Curing	Surface Hardness	Corrosion Resistance	Color	Salt Spray Test (SST)
<b>AL100</b> Nano Ceramic Thin Film $<10\mu\text{m}$ thickness	Anodizing	180~230°C 15~30min	2H	Acid Resistance (CNS10757)	Transparent Multicolor Aluminum natural color Mirror aluminum gloss	$> 500\text{hrs}$ AL6061 5~8 $\mu\text{m}$ thickness
<b>AL200</b> Nano Ceramic Coating $<15\mu\text{m}$ thickness	Surface Coating -Powder/E- coating					$> 2,000\text{hrs}$ AL6061 $<15\ \mu\text{m}$ thickness

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