



1034 East New York Street
 Indianapolis, IN 46202
 317-879-2055
 800-593-0126
 www.ACCESSA.biz

EPOXY GLAZE COMPARED TO HIGH SOLIDS BAKING ENAMEL

These tests were run by Coatings Research Group, Inc. The 9100 Series Baking Enamel is described as being “Designed for the office furniture and general metals coating industry.”

Tests were run on light gauge steel and on heavy gauge steel panels. The Baking Enamel was already tinted and called Putty 9105-6411. Epoxy Glaze was tinted to the standard color Putty SC4030P.

The purpose was to see if Epoxy Glaze two-component catalyzed polyamide epoxy finish met, or exceeded, the specifications listed under physical properties. The Epoxy Glaze was air-dried and the Baking Enamel was baked 30 minutes at 300 degrees F.

	<u>Baked Enamel</u>	<u>Epoxy Glaze</u>	<u>Result</u>
Pencil Hardness	H – 2H	H-2H	Equal
ASTM D3363			
Impact Test, direct thin metal	Failed @ 20#	Passed 30#	Better
Reverse Impact	Failed @ 5#	Passed 15#	Better
ASTM D1474			
Flexibility on 1/8” mandrel test	Failed	Passed	Better
Note: The band portion of the panel should be observed under magnification.			
ASTM D3359			
Resistivity measured on Ransburg meter	.1 Meg. Ohms	.25 Meg. Ohms	Better
ASTM B117-73			
Salt Spray (Fog)	Passed 1000 hour exposure requirements		

Air dry Epoxy Glaze is superior to Baked Enamel 300 degrees F for 30 minutes in every respect.

These tests were run after both finishes had cured on the panels for more than 7 days.

Therefore, the requirement that Epoxy Glaze applied must be as good as a baked enamel has been met since these tests show the Epoxy Glaze to be much superior to Baked Enamel #9100 Series.

ACCESSA Coatings Solutions makes no implied warranties of merchantability or fitness for a particular purpose with respect to this product. Customer’s only remedy for any defect in this product is recovery of (1) the original cost including freight, plus (2) the unrecoverable value of the product to which the defective coating is applied. As a condition of any recovery, customer must take all reasonable steps to minimize their costs and losses as soon as it is discovered that the product is defective. In no event shall ACCESSA Coatings Solutions be liable to customer for any other consequential or incidental damages arising from or in connection with this product.



1034 East New York Street
Indianapolis, IN 46202
317-879-2055
800-593-0126
www.ACCESSA.biz

CHEMICAL RESISTANCE OF EPOXY GLAZE

The following tests have been performed and recorded in our own laboratories using ASTM test method D1308.

A fully cured Epoxy Glaze film was subjected to the listed items. After 18 hours the residue was cleaned off with water.

Resistance to boiling water for 6 hours	Unaffected
Resistance to 20% Sodium Hydroxide	Unaffected
Resistance to MIBK Solvent	Unaffected
Resistance to 10% Hydrochloric Acid	Unaffected
Resistance to Ethylene Glycol	Unaffected
Resistance to Jet Fuel	Unaffected
Resistance to Gasoline	Unaffected
Resistance to Mineral or Vegetable Oils	Unaffected

ACCESSA Coatings Solutions makes no implied warranties of merchantability or fitness for a particular purpose with respect to this product. Customer's only remedy for any defect in this product is recovery of (1) the original cost including freight, plus (2) the unrecoverable value of the product to which the defective coating is applied. As a condition of any recovery, customer must take all reasonable steps to minimize their costs and losses as soon as it is discovered that the product is defective. In no event shall ACCESSA Coatings Solutions be liable to customer for any other consequential or incidental damages arising from or in connection with this product.