



711 X-CHROME TOPCOATS TECHNICAL DATA SHEET

711 X-Chrome Acrylic Urethane Topcoats are 2K performance coatings designed specifically for high quality industrial applications. These coatings are available in a wide range of gloss and VOC levels and have excellent exterior durability and flexibility.



Colors: A wide range of pigments are available in the 711-X Chrome Dispersion Line. All colorants are formulated at Zero VOC and are designed for excellent long term stability and weather-ability.



Surface Preparation: 711 Topcoats can be applied to any properly cleaned and freshly primed surface. They are specifically designed for use with the Gibraltar 701-7301 HBØ2 High Build Primer and 701-7202 SEØ2 Sealer. Contact your distributor for more details regarding these primers.



Mixing Instructions: Add 1 volume of C13 Catalyst to 3 volumes of 711 X-Chrome Topcoat that has been shaken for 3 to 5 minutes. Stir the catalyst into the base until completely incorporated.



Thinning: The activated 711 paint can be thinned using 10% (12oz) or less of Gibraltar 16946 Reducer per gallon. If VOC's are a concern use Gibraltar 16950 Zero VOC Reducer.



Application: Conventional Air, HVLP, Airless or Electrostatic equipment can be used to apply this coating. Consult your equipment manufacturer for recommendations regarding the proper set up for this style of coating.



Catalysts: Gibraltar has three options for catalyzing the system depending on the user's regulatory venue. The C13-0 catalyst creates 0 g/L VOC activated coatings, the C13-2 creates < 180 g/L activated coatings and C13-4 creates < 250 g/L activated coatings.

WHEN CATALYZED USING:	C13-0 Catalyst	C 13-2 Catalyst	C13-4 Catalyst
DENSITY (lbs/gal)	10.25-12.78 #/gal	9.85-12.38 #/gal	9.58-12.11 #/gal
MATERIAL VOC (g/L)	0 g/L	74 g/L	123 g/L
REGULATORY VOC (g/L)	0 g/L	143-169 g/L	213-247 g/L
VOLUME SOLIDS(%)	34.9-42.9%	34.9-42.9%	34.9-41.8%
WEIGHT SOLIDS (%)	32.7-51.6%	36.1-53.3%	35.0-54.5%



Dry Times: The 711 topcoat is best applied in one medium coat. Dry film thickness should be 2 - 4 mils.

DRYING PROPERTIES	78°F	95°F	140°F
DRY TO TOUCH	8 hours	3 hours	1 hour
DRY HARD	9 hours	4 hours	1.5 hours
DRY TO TAPE	10 hours	5 hours	2 hours
FULL CURE	14 days	14 days	10 days



Recoat Window: Minimum recoat time 20 minutes; maximum recoat time 48 hours. If greater than 48 hours scour the surface with a Scotch Brite Pad prior to application.



Accelerator: To accelerate the 711 topcoat use AD-112 at the levels recommended in the following chart.

DRYING PROPERTIES	UNACCELERATED		1/8 oz AD-112 (5 grams) per Activated Gallon		1/4 oz AD-112 (10 grams) per Activated Gallon	
	78° F	140° F	78° F	140° F	78° F	140° F
DRY TO TOUCH	8 hours	50 min	5.5 hrs	40 min	4.5 hrs	30 min
DRY TAPE	10 hours	1.25 hrs	7 hrs	40 min	6 hrs	30 min
FULL CURE	14 days	10 days	14 days	10 days	14 days	10 days
POTLIFE	4 HOURS		2 HOURS		1 HOUR	



Viscosity: #2 Zahn Cup @ 72°F 21"-31"



Pot Life: The pot life on the topcoat is 4-hours at 72° – 80°F. 4 hours on most colors. Mix as much material as you can apply within 4 hours after adding the catalyst. High heat conditions will reduce pot life.



Recommended Application Thickness: 2 - 4 mils Dry Film Thickness (51-102µ)



Gloss Levels: Gloss Colors using 711-130 gloss base +90 GU @ 60° / Semi Gloss using 711 - 130 in conjunction with 711-131 15-90 GU at 60° / Flat Colors using 711-131 flat base 10-15 GU at 60°

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