

Endura-Clad Coatings, Inc.

Endura-Glaze – Ceramic Enhanced Acrylic Clear Restoration Finish

Protective clear coating for doors enhanced with nano-particle ceramic quartz. Designed to be applied to newer doors and restored metal surfaces to protect and extend the life cycle of the existing color coat. Re-apply every 6 - 12 years, at a fraction of the cost of other paint and clear restoration products, to maintain a lifetime finish!

**new or doors up to 10 years old that have no significant chalk*

The Problem

Ultraviolet rays from the Sun cause even factory applied coatings to oxidize. The binders and pigments begin to break down, causing the surface to look dull and dry. Dust and grime are not easily rinsed or wiped off due to the increased roughness and porosity of the degraded coating. With time, oxidation will break down the paint's surface and form a chalky residue. This chalking is an indication of the paint's age and exposure to the elements.

If left untreated, this process will eventually compromise the coating and require the door to be repainted.

The Solution!

An application of Endura-Glaze ceramic clear coat forms a protective barrier between the elements, including harmful UV rays, and the door's painted surface. Dust and dirt are easily wiped or rinsed off. The surface feels smooth and slick, and water beads up and slides off the door. Properly maintained doors will never need to be repainted and will always have that fresh "like new" look.

Physical Characteristics

Weight per gallon	7.51	+ or - .20lbs
% Solids by Weight	24.02%	+ or - 2.00%
%Solids by Volume	19.4%	+ or - 2.00%
PH	NA	
Gloss-	60	+or- 5 degrees
Viscosity - 2 Zahn	18"	+ or - 1"
Flash Point (closed cup)	73F	
Spread Rate	385 sq. ft. @1.0mil	
Material VOC:	4.2 lbs/gal	
Coatings VOC (-exempt):	5.5 lbs /gal	
Components:	1 Component	
Dry Time Tack Free:	10 mins	+ or - 5 minutes
Recoat Time:	> 15 Minutes	+ or - 5 minutes
Dry Hard:	4 Hours	+ or - 1 hour
Full Cure:	24 Hours	+ or - 8 Hours
Adhesion: ASTM D 3359	5 B(@ 3 mils-	0% failure
Flexibility: ASTM D 1737	1/8" Mandrell@ 3 mils	No Cracking
Humidity: ASTM D 2247		
QUV: ASTM D 4587		

Application Equipment- HVLP, Airless, Conventional Spray, Brush & Roll.
Substrates: Various Metal Substrates including CRS- Bare or Painted

Benefits:

- Protect against color fading, extend the door life indefinitely**
- Creates a "wet look" that enhances the color with a semi-gloss shine
- Makes doors easier to clean; dust and dirt easily wipe off
- Superior protection from the sun, grime, and pollution
- Makes surface "Super Hydrophobic", water just beads up and slides off
- For "do-it-yourself" application OR application by painting contractor
- Easily repair scratches and scuff with new coatings

***When applied at recommended intervals. Not for use on automobiles.*

Markets:

Self-Storage, Industrial, Maintenance, Transportation, OEM, Architectural, Signage

Cleaning the substrate: All surfaces to be coated must be free of dirt, grease, oil, oxidation, mill scale, and all other contaminants. The surface must be thoroughly dry before coating. Abrade surface if necessary. Air quality regulations have limited the allowable emissions from cleaning operations.

Equipment Clean Up:

Acetone clean up should be done as needed upon any equipment used to apply the coating. Air quality regulations have limited the allowable emissions from cleaning operations.

Safety:

Refer to the product's Material Safety Data Sheet (MSDS) for complete safety information. Contains organic solvents. Use with adequate ventilation. Do not breathe vapors or spray mists. If component TLVs are exceeded, a NIOSH approved air supplied respirator is advised. See MSDS for TLV information. Contents are FLAMMABLE. Keep from heat, sparks or open flame. Allergic reactions are possible. Avoid use by persons with respiratory problems. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling.

First Aid:

Eye contact: flush immediately with plenty of water for at least 15 min. and get medical attention. Skin contact: wash thoroughly with soap and water for 5 minutes. If swallowed, do not induce vomiting, and get medical attention immediately.

Shelf Life:

1 year from date of manufacture in factory sealed container.

Manufactured in the USA for Endura-Clad Coatings, Inc

IMPORTANT: Warranty and Disclaimer – The performance characteristics of these product vary according to the product application, operating conditions, materials applied to or use. Since these factors can affect results, we strongly recommend that you make your own tests to determine your satisfaction whether the product is of acceptable quality, has not been affected by storage or transportation and is suitable for your particular purpose under your own operating conditions prior to using any product in full scale production. Seller warrants the products to be free from defects in materials and workmanship. SUCH WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. No representative of ours has authority to waive or change this provision, which applies to all sales of these products.