

FOR MORE THAN 35 YEARS, GLASS-SHIELD HAS LED THE WAY IN RESEARCHING AND DEVELOPING THE INDUSTRY'S MOST INNOVATIVE PRODUCTS.

- Preferred industrial paint provider for several Fortune 500 companies.
- Outstanding gloss retention when exposed to damaging U.V. rays.
- Super tough and impact resistant, with remarkable chemical, hydrochloric, muriatic and sodium hydroxide recurrent wash endurance.
- Excellent adhesion, hardness and abrasion resistance.
- Exceptional corrosion control, longer life expectancy of equipment
- Low V.O.C. or V.O.C. compliant coatings.
- Easy to apply, excellent intercoat adhesion with subsequent coatings.
- Wide range of colors and colorimetry complet services.



***PROVEN AND SPECIFIED**

SOLUTION BY:



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contact@glass-shield.com

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EP-GUARD 1500 SERIES

- Low V.O.C. (2,8 lb / gal).
- Excellent adhesion, hardness and abrasion resistance.
- High build capabilities.
- Easy to apply with any traditional painting equipment.
- Excellent intercoat adhesion with subsequent coatings.
- Very good recoatability, up to 30 days without sanding.



GLASS-GUARD 2800 SERIES

- Low V.O.C. (2,8 lb / gal).
- Outstanding gloss, color retention and resistance to U.V.
- Remarkable resistance to chemical compounds, impact and abrasion.
- In field color matching service.
- Increased corrosion control over Glass Shield moisture cured polyurethanes and epoxy primers.
- Resistance to weathering.



MONOGLASS MC 4250

- Aliphatic, single component, moisture cure polyurethane clearcoat.
- Outstanding gloss retention when exposed to damaging U.V. rays.
- Super tough, hard and impact resistant clearcoat.
- Remarkable chemical, solvent, hydrochloric / muriatic acid and sodium hydroxide frequent washing resistant.
- Anti-graffiti properties.
- Can be applied and cured at temperatures below freezing (-4C).
- Easy to apply with any traditional painting equipment.



CONCRETE MIXER TRUCK
REFURBISHING
PROGRAM

When refurbishing a cement mixer, what differentiates a good job from an excellent one?

Discriminating cement /concrete mixer truck owners and fleet managers understand that, when it comes to coating quality, it is counter-productive to cut corners. The reality of the fast decay of equipment, due to the effect of the harsh environment of the concrete industry on an inadequate paint job, costs much more than the cost difference between a good paint job and an excellent one. The additional cost investment required for an excellent job is justified. The refurbished equipment will last much longer, and will look great doing it!

Quality pays...every step of the way.

The secret of an excellent paint job is careful surface preparation, and the choice of a superior coating system. To achieve the very best in appearance and durability when recoating cement mixers, here are the steps to be taken....

Remove all fenders, rims, lights, water tanks, motor covers, steps, and any other small parts that can be unbolted. This will insure that all possible rust will be removed during the sandblasting process.

To protect your windows, u-joints, radiator, air cleaner, air dryer, oil, water pumps, etc... Use rubber sheets secured with 3M Pro Grade tape.

Sandblast the cab and any thin sheet metal at low pressure to prevent metal distortion. Sandblast the rest of the mixer and parts at 125 psi with a 650 c.f.m. air compressor. Sandblast to a white metal finish (SSPC-SP5). Obtain a surface profile of 1 to 1.5 mils. (commercial blast). Carefully light blast to brush off blast around airlines and wiring harnesses. (SSPC-SP7)

Blow off the mixer to remove residual sand. Remove all rubber sheets and tape, and blow off once more. Inspect carefully to insure that all traces of sand have been removed. At this point, mixer motor covers and other parts may require light fiberglass work.

Before applying a primer, wipe all metal surfaces: mixer and parts, with GLASS SHIELD GS9020S final cleaner with a clean, soft, lint free cloth. Tape off all windows, air bags, tires, wet lines, air dryer, etc...

Prime with GLASS SHIELD EP-GUARD 1500 series epoxy primer. This is our famous 2 component, polyamide cured, high build epoxy primer, available in white, black, grey, red or yellow. Mix, dilute, and spray according to directions on the technical data sheet. Apply GLASS SHIELD 1500 epoxy primer to the cement mixer and all parts to a total dry film thickness of 3 to 4 mils. Allow to dry a minimum of 3 hours, if the regular epoxy catalyst (161- 49C) was used, and 60 minutes if the fast cure catalyst (161-80C) was used.

Topcoat with GLASS SHIELD GLASS-GUARD 2800 series Polyurethane. This is our best 2 component, high gloss, light-fast aliphatic polyurethane topcoat. A wide color range is available. If you need a specific corporate color, ask for it. Our GLASS SHIELD colorimetry service will be glad to formulate it! Mix, dilute and spray according to directions on the technical data sheet. Apply GLASS-GUARD 2800 Polyurethane to the primed mixer and parts, to a minimal dry film thickness of 3 mils. Allow to dry overnight.

For normal transport vehicles the above primer/ topcoat system is adequate.

However, in the concrete industry, where additional protection is required due to extra physical abuse, and frequent washes using muriatic (hydrochloric) acid or sodium hydroxide, we strongly recommend applying an additional clear coat: GLASS SHIELD MONOGLASS MC 4250.

This is a one component, high gloss, moisture cure polyurethane, specifically formulated to give excellent long-term gloss, excellent chemical resistance and outstanding durability.

Dilute and spray according to the technical data sheet. Apply a very thin mist coat, wait 30 minutes, and apply a full wet coat to a total dry film thickness of 2 mils. Allow to dry overnight. Reassemble the cement mixer truck. The resulting finish is as durable as it is beautiful.

This 3 coat system has proven itself over the last 35 years...And now is applied at selected professional pro paint shops.

**GLASS SHIELD paint systems work's!
For further information on our products or other commercial and industrial application, consult our web site.**