

GRIP-GARD® Washprimer

Two part etching and passivating primer



AkzoNobel

Tomorrow's Answers Today

Suitable for most substrates, especially steel and aluminum, GRIP-GARD® Washprimer offers excellent protection against corrosion.

For professional use only.

These guidelines are offered as a method to optimize the performance of GRIP-GARD® Washprimer. GRIP-GARD® is recommended for priming degreased and sanded old finishes, steel, aluminum and galvanized steel. It is a two-part self etching primer that has excellent adhesive properties when used on a variety of metal substrates, even those still coated with old finishes.

GRIP-GARD® is the most widely used primer in the sign industry today, and it's excellent protective qualities make it a natural fit for use with either TRINAR® ADS or CERAM-A-CRYL® II topcoats. It provides the type of protection against rust and corrosion needed to guarantee your building will look great for years to come.

Product and additives

The main product is GRIP-GARD® Washprimer (2AFY31284), and the additive is GRIP-GARD® Washprimer Hardener (10AFK31285).

Basic raw materials

The basic raw materials used in GRIP GARD® Washprimer are polyvinyl butyral resin, pigments and solvent. The raw materials used in GRIP-GARD® Washprimer Hardener are phosphoric acid and solvents.

GRIP-GARD® Application

1.) Personal protective equipment

GRIP-GARD® contains polyvinyl butyral resin, pigments and solvent. When mixed, it also contains phosphoric acid. Use of a NIOSH-approved respirator and protective gloves is required.

2.) Surface preparation

For steel surfaces, degrease and sand using #80 grit paper dry. Remove any mill scale by sandblasting if necessary. For galvanized steel surfaces degrease and sand using #180 grit dry. For aluminum surfaces degrease and use #120 - #180 grit dry. Degreasing can be accomplished with any commercially available wax and grease remover. Change cleaning and degreasing cloths often to insure contaminants are not reapplied to the surface to be painted.

3.) Mixing ratio, reaction time and pot life

Prepare GRIP-GARD® by mixing in a 1:1 ratio of equal parts GRIP-GARD® Washprimer and GRIP-GARD® Washprimer Hardener. After mixing the material may be applied immediately with no reaction time required. Once the components have been mixed, the pot life is 3 days if in a plastic container. If it is mixed and stored in a metal container the pot life is 8 hours.

Spraying viscosity

21 - 23 second #2 ZAHN at 70° F (20° C). Achieved by using measuring stick #104. If additional reduction is necessary to accommodate spray equipment, add 5 - 10% maximum of either Standard Reducer (10AHY31372) or Very Slow Reducer (10AHY32177). Do not add additional GRIP-GARD® Washprimer Hardener for thinning.

Application

Apply in 2 single coats, flash off 5 minutes between coats at 70° F (20° C). Allow second coat to dry for 30 minutes at 70° F (20° C) before applying top coat of TRINAR® ADS or CERAM-A-CRYL® II. GRIP-GARD® Washprimer can be applied up to a relative humidity of 90 percent.

Sanding of GRIP-GARD® Washprimer once applied is not recommended. Dry sanding, grinding, abrading, flame cutting and/or welding of the dry paint film will produce hazardous dust and/or fumes. If sanding is necessary, wear suitable NIOSH/MSHA approved respirator to avoid inhalation. Avoid all contact with airborne particles.

Film thickness and cover rate

Approximately 0.5 dry mil per single coat, with 1.0 dry mil required for both coats. When mixed and ready to spray GRIP-GARD® Washprimer will cover 140 sq. ft. (35% T.E.) by conventional spray, and 255 sq. ft. (65% T.E.) by HVLP.

Cleaning of equipment

Lacquer thinner can be used for all clean up of GRIP-GARD® Washprimer.

Storage

GRIP-GARD® Washprimer and Washprimer Hardener are beige in color, and available in one gallon containers. The shelf life of both is one year if stored unopened at room temperature.

Safety notice

Do not handle until Material Safety Data Sheets have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all chemicals with which they come in contact. The manufacturer recommends the use of an air-supplied respirator equipped with a HEPA filter or air supplied respirator when exposed to vapors, spray mist, or sanding dust.

Disclaimer

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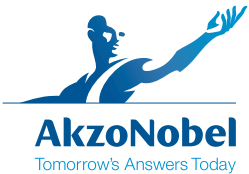
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Revision Date: February 2011