



METAL PRIMER



- Dries rapidly allowing multiple coats in one day
- Wets, seals and adheres to firmly attached rust
- May be applied at temperatures down to 10°F

Metal Primer

Woolsey® Metal Primer is an easy to apply, moisture and corrosion proof primer for use on all ferrous metals including steel, cast iron, galvanized and stainless steel. Its water impervious barrier offers excellent adhesion and corrosion protection, even over rusted surfaces. Recommended anytime an easy to apply, anti-corrosive primer is desired.

TECHNICAL INFORMATION

VEHICLE TYPE: Moisture Cured Polyurethane
FINISH: Matte
COLOR: Aluminum Metallic
COMPONENTS: One
CURING MECHANISM: Chemical Cure
COVERAGE: 75 ft²/qt.
VOC: 470 grams/liter (*max*)
SOLIDS BY WEIGHT: 56.4 ± 2%
SOLIDS BY VOLUME: 43.3 ± 2%
APPLICATION METHOD: Brush, roller, airless or conventional spray
NUMBER OF COATS: 3 min.
WET FILM THICKNESS: 4.1 mils
DRY FILM THICKNESS: 2 mils
APPLICATION TEMP: 10°F Min / 90°F Max
THINNER: 120 Brushing Thinner
DRY TIME: Minimum time in hours

TO RECOAT

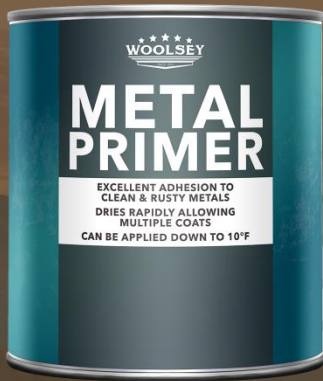
90°F	½ hr
70°F	1 ½ hrs
50°F	2 hrs
30°F	2 ½ hrs
10°F	3 hrs

AVAILABLE IN THESE COLORS

Note: Color differences may occur between actual color chips shown.



SILVER
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Woolsey Metal Primer is loaded with anti-corrosive pigments and additives. As a result of this, there is a tendency for settling to occur, especially if the paint has been on the shelf for several months. It is necessary to thoroughly mix the paint before using. If possible, shake the can of paint on a mechanical paint shaker. Before using, check the sides and bottom of the can to make sure all the pigment has been mixed in. If mixing is going to be done with a wooden paddle or an electric drill mixer, pour off half of the liquid from the top of the can into another can and then properly mix in any settled pigment; then remix the two parts together thoroughly.

Adhere to all application instructions, precautions, conditions and limitations to obtain optimum performance. Refer to individual labels and tech sheets for detailed instructions when using associated products, etc.

APPLICATION SYSTEMS: Mix paint thoroughly to ensure protective additives are evenly dispersed throughout the can. All surfaces must be clean, dry and properly prepared prior to painting. Woolsey Metal Primer may be applied by brush, roller or spray. A minimum of three coats of Woolsey Metal Primer is recommended to achieve good, long-term corrosion protection. Four or more coats of Woolsey Metal Primer will yield excellent long-term results. This product reacts with ambient moisture. To avoid gelation of the paint, keep containers tightly sealed when not in use. Thinning is not normally required and is not recommended. Follow the recommended dry time and recoat guidelines carefully. Once fully cured, Woolsey Metal Primer forms an extremely hard surface which is very difficult for other coatings to adhere to. If the dry to recoat time is exceeded, heavy sanding with 80 grit sandpaper is mandatory to achieve proper adhesion of subsequent coats of paint. To eliminate the labor of sanding, plan your work carefully so that each coat of Woolsey Metal Primer and the first application of topcoat (antifouling or topside enamel) will be done before the previous coat dries hard.

SURFACE PREPARATION: Coating performance, in general, is proportional to the degree of surface preparation. Follow recommendations carefully, avoiding shortcuts. Inadequate preparation of surfaces will virtually assure inadequate coating performance.

GALVANIZED STEEL: Galvanized steel must be clean and free of oil or grease before it is painted. Thoroughly clean the surface with compatible solvent and plenty of clean rags to ensure complete removal of contaminants. Then apply a minimum of three coats of Woolsey Metal Primer. Finish with Woolsey Antifouling Bottom Paint or Topside Paint.

ALUMINUM: Clean and prep the surface. Remove oxidation and etch the surface with medium grit emery cloth; remove sanding residue. Apply one thin "wet" coat of Woolsey Metal Primer; allow to dry tacky. Proceed with one or two coats of Woolsey Topside Primer to smooth the surface and provide a uniform base. Sand well and solvent clean; then proceed with the first coat of Woolsey Topside Paint.

ANTIFOULING PAINT: All Woolsey Antifouling Bottom Paints may be applied directly over Woolsey Metal Primer. Adhesion is always best when Woolsey Metal Primer is top-coated when it is still slightly tacky. If Woolsey Metal Primer is allowed to dry hard, thorough sanding with 80-100 grit sandpaper is recommended to ensure adequate adhesion of subsequent coats of paint.

NEW STEEL: Disc sand with 80 grit sandpaper or sandblast to clean bright metal. Wipe clean with solvent and immediately apply at least three coats of Woolsey Metal Primer following the recoat instructions carefully. Finish with antifouling bottom paint or topside paint.

RUSTED STEEL*: Clean the surface by wire brushing, wire wheeling, or light sandblasting. All loose rust must be removed. Firmly attached rust does not have to be removed. Wipe the surface clean with solvent and apply a minimum of three coats of Woolsey Metal Primer. Finish with epoxy primer, an appropriate Woolsey Antifouling Bottom Paint or Topside Paint.

STAINLESS STEEL: Follow the "New Steel" system above.

TOPSIDE FINISHES: All Woolsey Topside Paints are compatible with Woolsey Metal Primer. If the surface is sufficiently smooth, Woolsey enamels may be applied directly over Woolsey Metal Primer. If the surface needs additional smoothing, use Woolsey Topside Primer as a base over the Woolsey Metal Primer, followed by the topside product of your choice. Remember to start the finish coats or primers before the Woolsey Metal Primer dries hard. If the primer dries hard, thorough sanding with 80 - 100 grit sandpaper is mandatory before top-coating.

2K TOPCOAT: If the surface is rust free and sufficiently smooth, 2k coatings may be applied directly over Woolsey Metal Primer. Start the finish coat while the Woolsey Metal Primer is tacky. If the primer dries hard or is no longer tacky, thorough sanding with 150 grit sandpaper is mandatory before applying the 2k topcoat.