

X-Tenda Coat Metal Primer

GENERAL:

X-Tenda Coat Metal Primer is an exterior grade VOC-compliant acrylic latex primer designed for use when coating over steel, aluminum and galvanized metal substrates with the X-Tenda Coat system. It is fast drying, with a long open time, and has excellent corrosion resistance over metal substrates. X-Tenda Coat metal primer is compatible with all X-Tenda Coat topcoats.

Cautions and Warnings

1. Review the applicable Material Safety Data Sheet for complete safety information prior to use.
2. **DO NOT ALLOW TO FREEZE.** Do not store sealed containers in prolonged sunlight.
3. Do not apply at temperatures below 50° F (10° C), or when temperatures may fall below 32° F (0° C) within 2 hours of application.
4. Avoid breathing vapors. **An approved MSHA/NIOSH chemical cartridge respirator must be worn by the applicator.** Keep container closed when not in use. If inhaled, move to fresh air. If not breathing, perform artificial respiration. If breathing is difficult give oxygen. Call a physician immediately.
5. If swallowed, DO NOT INDUCE VOMITING, call a physician immediately.
6. Avoid contact with eyes. Safety glasses or goggles are recommended. If splashed in eyes, immediately flush eyes with plenty of clean water for at least 15 minutes. Contact a physician immediately.
7. Avoid contact with skin. Nitrile rubber chemical protective gloves are recommended. Wash thoroughly after handling. In case of contact with skin, thoroughly wash affected area with soap and water.
8. Rubber soled shoes are recommended, since this material can be absorbed by leather.
9. Exercise caution when walking on wet surfaces, as they will become extremely slippery.
10. Do not apply if weather conditions will not allow the Metal Primer to dry before rain, dew or freezing temperatures.

INSTALLATION:

MIXING: Should not be required.

SURFACE PREPARATION

Remove heavy deposits of dirt, leaves, pine needles and other debris using a broom or air blower. Any rocks, branches, or other large foreign objects should also be removed. Metal Primer can be applied directly over lightly ("flash") rusted to moderately rusted sound metal. Areas of heavy rust must be cleaned (wire brush or grit blast) before priming. Scaly rusted metal must be replaced. Universal Cleaner/Primer may be used to clean contaminated surfaces prior to priming with X-Tenda Coat Metal Primer.

Metal Primer is a ready-to-use material. It can be applied by brush, conventional or airless spray. Sprayer requirements are 1,000 psi (6,980 kPa) and 0.5 gallons per minute (1.9 l/minute) minimum. A reversible, self-cleaning spray tip with an orifice size of .015" to .021" (0.38 to 0.53 mm) and minimum 40° fan angle is recommended.

COVERAGE RATE: 1 gallon per 300 square feet for galvanized steel and aluminum, 1 gallon per 200 square feet for steel.

Metal Primer can be topcoated when thoroughly dry (usually about 1 hour, depending on drying conditions), but should in any case be topcoated within 48 hours.

Test	Method	Typical Properties
VOC content	Calculated	87 grams/liter
% Solids by weight	ASTM D2369	46
% Solids by volume	ASTM D2697	36
Weight per gallon	ASTM D1475	10.1 lbs/gal.