

Construction Resources



TECHNICAL SHEETS AU1

METAL PRIMER

- Uses** *Auro Metal Primer* is an opaque metal primer for interior and exterior applications. It is suitable as basic corrosion protective treatment on uncoated rust free steel and copper.
- Properties** *Auro Metal Primer* uses ferro – minerals, special natural fillers and a combination of different plant resins and oils to create an anti-oxidation and rust resistant surface. When used externally, the primer should be finished with two coats of *Holzweg Exterior Gloss* or *Aquamarijn Linal* or *Toplin*. It is elastic and temperature stable up to 80 C. Density is approx 1.2g per m³
- Colour** Light brown.
- Containers** 0.75 litre tins.
- Coverage** 1 litre of Auro Metal Primer is enough to cover about 10-12 m².
- Preparation** The surface should be free of any surface coating such as rust (use 60 -120 grit) and paint and be clean, grease-free and dry. Any galvanised surfaces that is not thoroughly weathered **MUST** be thoroughly degreased and lightly abraded or acid etched to provide a key for the primer.
- Application** Shake tin well before use. The primer can be brushed, rolled or sprayed. Do not apply too thickly. The viscosity is approx 240 seconds (DIN 4mm) at 20C. Clean tools with *Holzweg Balsamic Turperntine*. Do not apply at ambient temperatures of less than 8C.
- Drying times** The surface is normally touch-dry after about 8 - 10 hours and ready for sanding down and recoating after 24 hours depending upon temperature and relative humidity. Longer drying times are likely with high humidity or low temperatures.
- Storage** Store tightly sealed, in a cool but frost-free place.
- Ingredients** Linseed-stand oil, earth and mineral pigments, citrus terpene, tung stand oil, rezinene stand oil, zinc chalk colophony, colophony glycerine ester, larch resin balm, silicate clay, talcum (asbestos-free), plant alcohol, silicic acid and < 1% calcium/cobalt/zirconium octoat dryer(lead free). VOC compounds as a percentage of mass is 35%.
- Safety** **This product is inflammable and easily ignited!** Do not smoke while working or apply near a naked flame. During and after application keep the room well ventilated. Primer-soaked cloths should not be left lying around - they could self-ignite. Spread cloths out to dry outdoors, completely unfolded, or store them away in a sealed container. Keep Primer tightly sealed and out of the reach of children.

Although all the ingredients are biodegradable, left-over Primer should not be put down the drain.

Risk class Combustible. Flash Point at 45C°

This technical information sheet is intended to provide guidelines for retailers and users. However, the user is responsible for testing the product on the intended surface to make sure that it is suitable for his or her requirements. This sheet was issued on November 1999 and may be superseded by later editions.

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