



**Product name** Waterborne primer for metallic substrates

**File number** 474-403

**PRODUCT FAMILY**

Metal primer

**DESCRIPTION**

Waterborne shop primer for metallic substrates

**INTENDED USES**

The waterborne shop primer 474-403 offers a temporary protection when applied on steel, galvanized steel and treated aluminum. If the primer is exposed outdoor it must be coated with a finish coat.

**PRATICAL INFORMATION**

**Color** Gray

**Gloss level** 5% to 10% at 60 deg.

**Volume solids** 33%

**Film thickness** 1.5 to 2.0 mils

**Viscosity** 64-66 Kreb units

**Theoretical coverage** 600 sq. feet/gal for 1.0 mil dry film thickness

**Practical coverage** Consider the appropriate loss factor in accordance with the application equipment and technique.

**Drying time (75°F 50% relative humidity)**

**Dry to touch**

15 Minutes

**Dry to handle**

30 Minutes

**Hard Dry**

24 Hours

**Overcoating interval with recommended topcoats**

**Minimum: N/A**

**Maximum: N/A**

**PRODUCT CHARACTERISTICS**

Easy to use, fast dry, good temporary protection. It complies with ANSI 250.10 standards.

Salt spray ASTM B117 : 120 hres rust grade # 6 undercut less than 1/8"

Condensation ASTM D4585-92 : 240 hrs blisters grade # 8.

Impact test : 20 in./lbs No paint film removal.

Adhesion ASTM D3359 : 5B

**SYSTEM'S COMPATIBILITY**

It is possible to recoat the dry film of primer with all types of paint. However it is recommended to do a test before the complete recoating of the surface.

**REGULATORY DATA**

**Flash Point** N/A

**Product weight** 1 litre = 1.12 kg

**VOC** 99 g/l

**APPLICATION DATA**

**Mixing and Ratio** N/A

**Pot life** N/A

**Airless spray** Recommended Tip 0,011 - 0,013 Pump pressure 1200 psi to 1800 p si

**Air spray** Recommended Spray gun tip 0,070 (1,8) 40 psi t.o.

**Electrostatic application**      Recommended      Consult Laurentide technical services

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**Other equipment**      Roller brush

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**Thinner**      Apply the primer as supplied, If necessary dilute with drinkable water.

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**Instructions for shutdowns or longer stops**      N/A

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**Cleaner**      Warm water

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**Clean up**      Flush the equipments with warm water.

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**SURFACE PREPARATION**      Surfaces must be clean and dry, free of grease oil and all others contaminants. Always measure adhesion on non ferrous substrates.

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**ADDITIONAL INFORMATION**      This product is dedicated for an industrial use. Any activity related to the application of this product and waste disposition must be made in accordance with the national rules and regulations in regards to health, safety and environment.

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**SAFETY PRECAUTIONS**      Please, read carefully the Material Safety Data Sheet provided by Société Laurentide Inc. before using this product.

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**STORAGE**      The product must be stored in a dry place protected from sun at a temperature between 10 and 30 deg. celsius.

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**DISCLAIMER**      The above specifications are provided by Société Laurentide Inc. for information purposes only and in no way constitute a representation, promise, or guarantee regarding product use, life cycle or quality. The product identified above must be used in strict conformance with the instructions referred to as well as any other instructions guidelines, or warnings issued by Société Laurentide Inc.

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**LAST UPDATE**      2009-05-29

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