

## DESCRIPTION

**PRECIDIUM™ 4100** is a two-part, solvent-borne polyurethane primer designed for metal substrates and provides a smooth surface finish.

## FEATURES and BENEFITS

- Easy to apply
- Maintains high adhesion following weathering
- Made in Canada
- Quality standards to ISO 9001:2015 Certification

## APPLICATION

**PRECIDIUM™ 4100** is mixed 1-part 4100 Activator to 4-parts 4100 Resin by volume. **Thoroughly 4100 Resin prior to use.** Spraying achieves the most uniform and high-quality finish; use gravity feed 1.4 mm tip, pressure pot HVLP, or airless with a minimum 12 thou tip. For non-spray applications, a high-quality epoxy brush or roller compatible with solvent-borne paints can be used. Coverage rate for scuffed steel is 3-5 mils (WFT). For blasted steel it is recommended to apply extra material to account for the blast profile. Cleanup: Flush lines and equipment with MEK, lacquer thinner, or acetone as soon as equipment is no longer in use.

## MIXING RATIO



(Resin) (Activator)

## ADHESION PERFORMANCE

**Adhesion of PRECIDIU™ 4100 (ASTM D451)**

Primer only on 80 grit scuffed steel: **>2,000 psi**

Finished system: **PRECIDIUM™ 4100** with **ILLUSTRU™ 3100** Top Coat on steel after 1,000 hours of salt spray: **>2,000 psi**

## PROPERTIES

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Solids (Vol %):</b>   | 51                                   |
| <b>Solids (Wt %):</b>    | 64                                   |
| <b>Mix Ratio:</b>        | 1 Part A:4 Parts B                   |
| <b>Density:</b>          | 1.14 g/mL (mixed)                    |
| <b>Pot Life:</b>         | 20 minutes                           |
| <b>Set to Touch:</b>     | 3-4 hours                            |
| <b>Target Thickness:</b> | 3-5 mils (WFT)<br>1.5-2.5 mils (DFT) |
| <b>Recoat Time:</b>      | 6-24 hours                           |
| <b>VOC:</b>              | 414 g/L                              |

Approximate values only; cure speed is dependant on temperature. Should not be considered specifications. This data sheet is intended for general information only.

## STORAGE

Store in a cool, dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials.

## SAFETY

An SDS is available from the manufacturer upon request.

## AVAILABILITY

**PRECIDIUM™ 4100** is available in grey and packaged in 1.25 and 5-gallon kits.