

## Surface-tolerant metallic nanotechnology polyurea primer

**max 8392** is a single-component, moisture-cure, surface-tolerant metallic nanotechnology polyurea primer with extreme mechanical and intercoat adhesion in metal and concrete. MAX8392 was designed utilizing aluminum pigment and low-viscosity aromatic resin to provide unparalleled wetting and adhesion properties to marginally prepared surfaces.

### Maximizing your benefits

#### Surface tolerant

Apply on challenging substrates prepared to minimum hand tool cleaning

#### Extreme intercoat adhesion

Create a strong bond between two layers of coating

#### Easy to mix and apply

Requires no special tools or skills

#### Single component

Ready to apply without mixing components

### Maximizing your applications

- Bridges
- Structural Steel
- Offshore structures
- Tanks and vessels
- Equipment
- Pipes and accessories
- Valves and flanges
- Storage tanks
- Roofs
- Transmission towers

#### THEORETICAL COVERAGE @ 75 µm

0,75 liters covers 6,3 m<sup>2</sup>

2,50 liters covers 21 m<sup>2</sup>

#### PACKING

MAX 8392.01 0,75 liters

MAX 8392.03 2,50 liters

Shelf Life 15 months

Storage Temperature -5 °C to 35 °C

#### WINDOW RECOAT (25 °C and HR>75%)

Minimum 5 hours

Maximum 24 hours

#### DATA

Ratio Volume Single component

Solids by volume 63%

Working time Not applicable

Density 1.08 g/cm<sup>3</sup>

#### CURING TIMES

Dry-to-touch (10 °C) 30 minutes

Dry-to-touch (25 °C) 10 minutes

Dry-to-touch (40 °C) 10 minutes

Full cured (25 °C) 7 days

Full cured (40 °C) 4 days

Dry Film Thickness 50 to 75 µm

#### PROPERTIES

Color Aluminum

Adhesion  
ASTM D4541 19 Mpa  
>2700 psi

Direct Impact  
ASTM D2794 175

Reverse Impact  
ASTM D2794 30

Prohesion (5000 hours)  
ASTM G85 Scribe rate 9.5  
Blistering: none

Salt Spray  
ASTM B117 +4.500 h  
(several systems)

VOC 324 g/L

Flash point  
ASTM D56 25 °C (77 °F)

Dry Heat Resistance 145 °C (293 °F)

1K

