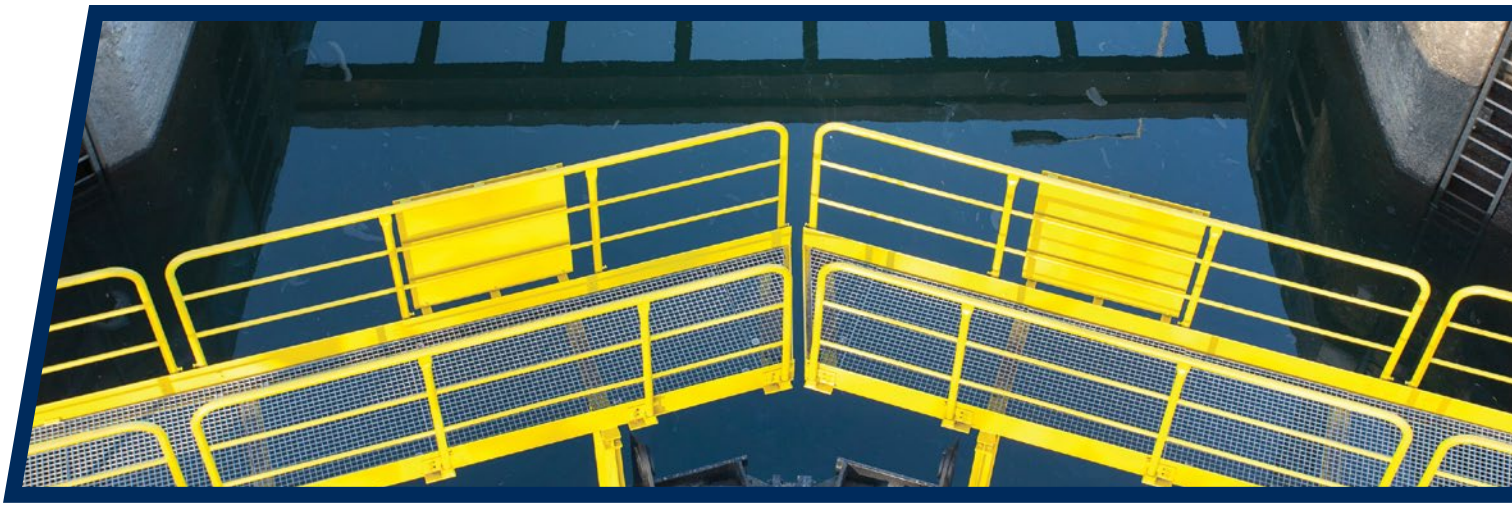
DEVOE® HIGH PERFORMANCE COATINGS™

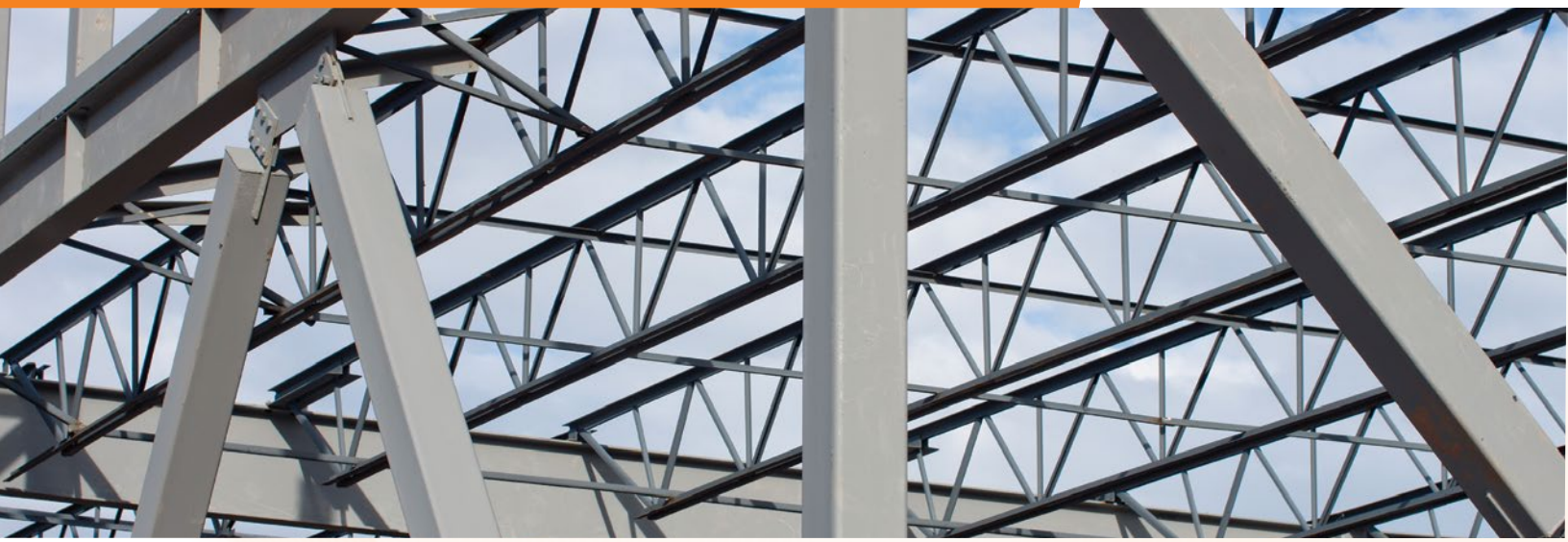
Pre-Prime 167



Penetrating sealer for rusty steel and concrete surfaces

AkzoNobel

Pre-Prime 167 penetrating sealer



Pre-Prime® 167 penetrating sealer is designed to wet, strengthen and seal porous rust and concrete. As part of an environmentally sound maintenance strategy, Pre-Prime® 167 penetrating sealer offers exceptional overcoating, low volatile organic compounds (VOC's), 100% solids formula and easy application.

- 100% solids sealer
- Penetrates rust and other porous substrates
- Accepts a broad range of topcoats
- Environmentally sound and easily applied
- Equally effective on concrete and masonry surfaces
- Extended pot life
- Low film thickness required
- Compatible with damp substrates

Rust penetrating sealer

With many years of proven performance, Pre-Prime® 167 penetrating sealer has withstood the rigors of harsh environments including pulp and paper mills, highway and railroad bridges, chemical processing and petrochemical facilities. Its low viscosity maximizes penetration, wetting, and capillary action. One water thin coat at 1.5 mils (38 microns) dry, will penetrate deep into tight rust and wick beneath it.

Alternative to blasting

Traditionally, abrasive blasting has been the method of choice in surface preparation. Pre-Prime® 167 penetrating sealer offers excellent alternatives meeting economic, environmental, and practical needs. Treated with Pre-Prime® 167, hand-cleaned steel is a stable surface ready for coating. The sealed and strengthened rust layer is then topcoated with a variety of coatings, such as Bar-Rust® 235 multi-purpose epoxy coating. Additional topcoats may be applied to enhance chemical resistance or appearance.

Protection of concrete

Like steel and other construction components, concrete must be protected from abrasion and chemical attack. Pre-Prime® 167 penetrating sealer's water-like viscosity allows it to penetrate deep into the porous concrete surface. Used alone, it becomes an integral part of the sealed, strengthened surface. With the proper topcoat, it provides resistance to water, oil, gasoline, diesel, mild chemical exposures and UV resistance.

Pre-Prime® 167 penetrating sealer is applicator friendly. It can be applied by spray, brush or roller after surface contaminants and laitance are removed.

Technical data

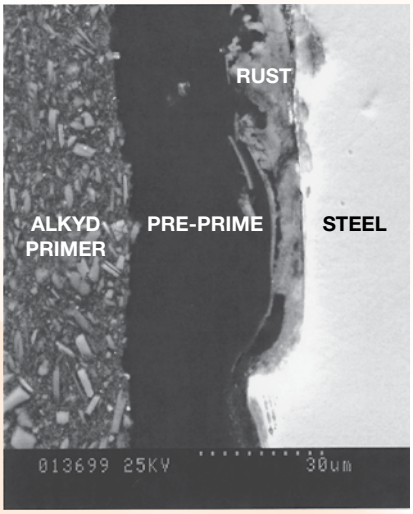
Catalog number	167K0000
Coating type	Chelated polymeric oxirane
Coating availability	Amber clear
Finish	Medium sheen
Clean-up solvent	T-10, T-5 thinner or xylene
Density	8.5 lbs/gal (1.02 kg/L)
Solids volume (theoretical)	100%

Application method	Brush, roll, conventional spray
Recommended film thickness	1.5 mils (37.5 microns) dry
Theoretical coverage	1604 sq.ft/gal (39.3 m^2/liter)
Flash point	135˚F (43˚C)
Dry time (77˚F (25˚C) & 50% R.H.)	Overnight
VOC EPA Method 24	<0.83 lbs/gal (<100 g/L)
Service temperature limit	250˚F (121˚C)

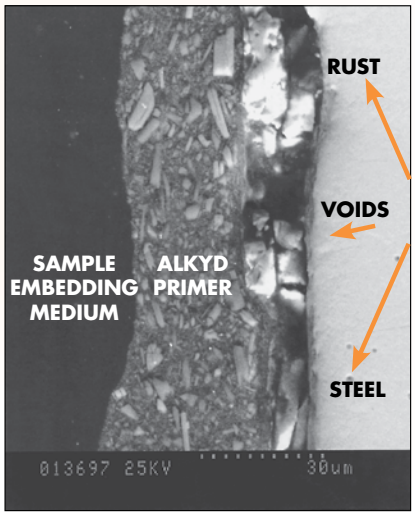
Asset protection

Improved profitability

Long-term reliability



"A polished cross-section of Pre-Prime® 167 and a topcoat as applied on a rust covered steel surface. The photomicrograph (1000X magnification) shows the Pre-Prime® 167 saturating the rust and penetrating into cracks and crevices at the rust/steel interfacial region."
-Arvid Lacie, Bacon Donaldson



A traditional primer's penetrating ability.
Photographs courtesy of Arvid Lacie, Electron Microscopist, Bacon Donaldson, Division of CANSPEC Group, Inc.

Before painting

Pre-Prime® 167 applied

Finish coat applied

The power to protect™

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