

# Devran 223

## Recoatable epoxy primer



Devran® 223 is a rust inhibiting epoxy for interior and exterior steel surfaces. It provides excellent adhesion and corrosion resistance for properly prepared metal substrates such as steel structural members, machinery equipment, piping and tanks in all industrial environments.

- Corrosion resistant
- High build coating application
- Fast dry
- Extended recoatability (epoxies - 1 year; urethanes - 90 days)
- Long pot life: 12 hours @ 77°F (25°C) and 50% relative humidity
- Low temperature application down to 40°F (4°C)
- Excellent adhesion properties and aged recoatability
- Convenient light gray color, easy to overcoat



## Technical information

Colors	Light gray
Volume solids	70% ± 2%
Film thickness	4-6 mils (100-150 microns)
VOC*	1.81 lb/gal (217 g/L)

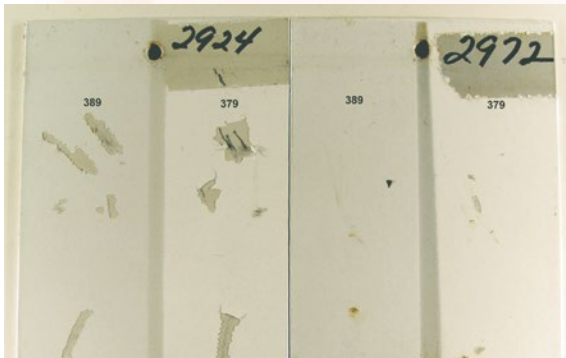
\* Volatile organic compounds.

DRY TIME TEMPERATURE	HARD DRY	MINIMUM RECOAT	MAXIMUM RECOAT
41°F (5°C)	60 hours	8 hours	12 months*
77°F (25°C)	5 hours	1 hour	12 months*

\* Where overcoating with Devthane® urethanes, the maximum overcoating interval is 90 days.

SYSTEM RECOMMENDATIONS	PRIMER COAT	QUALITY	FINISH COAT
Epoxy/Epoxy	Devran® 223 recoatable epoxy primer	Better	Tru-Glaze® 4508H chemical resistant epoxy coating
		Best	Devran® 224V semi-gloss high build epoxy coating
Epoxy/Urethane	Devran® 223 recoatable epoxy primer	Better	Devthane® 389N aliphatic urethane gloss enamel
		Better	Devthane® 378 aliphatic urethane semi-gloss enamel
		Best	Devthane® 379UVA ready aliphatic urethane gloss enamel

### Competitive recoatable epoxy vs Devran® 223



After being recoated with urethanes, these panels were exposed to 100% humidity for one week. Adhesion was evaluated with a knife.

Competitive recoatable epoxy primer aged one month outside and recoated with aliphatic urethane.

Devran® 223 aged one month outside and recoated with Devthane® 389 and 379UVA.

### Devran® 223



Panels of Devran® 223 were aged for the above stated time periods and were recoated with aliphatic urethane enamels. The recoated panels were then exposed outside for one year. Adhesion was evaluated with a knife.

**The power to protect™**

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