

Product Datasheet



Functional Powder Coatings

AkzoNobel
Tomorrow's Answers Today

Resicoat® Interior Pipe Coating Code: 596301 (Corvel EP-10 Primer 1P-0010)

Product Description

Resicoat® 596301 (Corvel EP-10 Primer 1P-0010) is a phenolic-based liquid coating designed for priming the inside diameter of steel pipe prior to the application of high performance Resicoat® CORVEL FBE powder coatings.

Powder Properties

	Test Method	Results
Color		Red
Specific Gravity	Calculated	1.19
Weight / Gallon		9.9 lbs/gall (1.15 kg/ltr)
Viscosity	No.2 Zahn Cup	16 – 21 secs
% Solids by Weight		47.7 %
Flash Point	ASTM D93	64°F (17.8°C)
Storage Stability		6 Months from date of delivery

Application Properties

Surface Preparation	NACE #1 White Metal Blast SA2.5 - SA3
Anchor Profile	Min 1.5 mil (38 µ), sharp, dense
Application Method	Spray or brush at 14 to 170° F (-10° C to 76.7° C)
Dry Film Thickness	0.7 mil ave. (18 µ)
Reducing Solvents	Methanol, Ethanol, Butanol (As required by applicator)

Note

Less than optimum adhesion may result if primed substrate is preheated longer than one hour at 320° F (160° C) or 10 minutes at 425° F (218° C)

CAUTION

Contact with Resicoat® 696301 (Corvel EP-10 Primer 1P-0010) may cause skin irritation. Synthetic gloves and organic vapor masks are recommended precautions. Keep away from sparks and open flames. Adequate ventilation is necessary in the workplace.

Disclaimer: This Product Data Sheet is based on the present state of our knowledge and on current laws. The data referring to Powder Properties, Application Data and Physical Tests is based on lab based samples. Factors such as quality or condition of the substrate may have an effect on the use and application of the product. It remains the responsibility of the user to test thoroughly if the product is applicable for the intended use. The use of the product beyond our recommendation releases us from our responsibility, unless we have recommended the specific use in writing. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. We are not liable for any application-technological advice. The Product Data Sheet shall be updated from time to time. Please ensure you have the latest version before using the product. All products and Product Data Sheets are subject to our standard terms and conditions of sale (GCS). You can receive the latest copy of GCS via internet or our post address. Brand names mentioned in this Product Data Sheet are trademarks of or are licensed to the AkzoNobel group.