

Polyfam® PR587L

Description

Polyfam® PR587L is a self-crosslinking acrylic emulsion for direct to metal applications. It has excellent corrosion resistance without the use of anti-corrosive pigments as determined by salt spray resistance standard test method ASTM B 117. Polyfam® PR587L exhibits an excellent balance of appearance and performance related properties.

Specification

Appearance	White liquid
Solids content (ISO 1625: 1h; 105 °C)	45.0 % ± 1.0 %
pH value (ISO 976)	7 - 8
Viscosity (ISO 2555; Brookfield-LVT, #2, 60 rpm, 23 °C)	<200 cP
MFFT (ISO 2115)	22 °C
Adhesion (Cross Cut, ASTM D3359)	5B
Hardness, Koenig (ISO 1522)	72 s

*Drying condition: 60min @ 60°C, 1 hr @ RT, T= 25 °C, RH= 72%

Applications

Polyfam® PR587L dries at temperatures higher than 22°C to form clear and tack free films.

Polyfam® PR587L provides formulators with a package of performance benefits that makes it ideal for light duty industrial coatings and transportation applications. Polyfam® PR587L can be formulated into primers, direct-to-metal coatings, and topcoats, providing excellent combination of adhesion, chemical and solvent resistance, gloss, gloss retention and corrosion.

Polyfam® PR587L complies with ISO 12944 classes C₁ to C₃.

Preservation and Storage

The dispersion contains some initial preservatives to prevent attack by microorganisms. In order that the product is also sufficiently protected against microbial contamination during further storage in opened drums or storage tanks, a suitable preservative should be added despite our preliminary preservation measures and the tanks and pipework should be kept adequately clean.

Prior to use, Polyfam® PR587L should be stored for no longer than 6 months at temperatures as constant as possible between 5 and 35 °C and must be protected from frost and direct exposure to sunshine. Furthermore, it must be ensured that already opened drums or containers are always tightly closed.

The technical data ascertained by our quality control laboratory at the time of product release may vary according to the storage conditions and may deviate from the stated limits.

Industry Safety and Environmental Protection

Not a hazardous substance.

All information is correct at the date of publication and is given in good faith, but without warranty. We cannot accept liability for any damage, loss or patent infringement resulting from the use of this information.