

PRODUCT DESCRIPTION

Quixnamel Alkyd Enamel is a proven versatile gloss enamel for use on substrates with interior or exterior exposure. Provides a durable and attractive finish for all types of industrial and agricultural equipment. Excellent application properties and quick dry to increase production. May be used direct-to-metal, but for improved corrosion resistance, use a Forrest industrial primer or consider 14P.

PRODUCT AND PERFORMANCE DATA

Product Data*

Property	Result
Volume solids (%)	36 ± 2
Weight solids (%)	44 ± 2
VOC	554 g/L 4.62 lb/gal
Theoretical Coverage (1.0 mil)	577.4 ft ² /gal
Recommended dry film thickness	2.0 – 3.0 mils
Dry to Handle	30 minutes
Recoat	< 4 hours or after 24 hours

Performance Data

Test Method	Standard	Result
Gloss @ 60°	ASTM D523-14	75+
Adhesion	ASTM D3359	5B
Impact Resistance	ASTM D2794-90	40 in-lbs
Pencil Hardness	ASTM D3363	2H

**above tests performed on fully cured 14E551X, Safety Yellow*

Performance Data

Test Method	Standard	Result
Gloss @ 60°	ASTM D523-14	90+
Adhesion	ASTM D3359	5B
Impact Resistance	ASTM D2794-90	>120 in-lbs
Pencil Hardness	ASTM D3363	5H

**above tests performed on fully cured 14E949, Dark Gray*

SURFACE PREPARATION
Pre-cleaning:

Clean all surfaces to be coated in accordance with SSPC-SP-1, Solvent Cleaning prior to additional surface preparation or coating application. Surface must be clean, dry and free of any dirt, dust, oil, and all other visible contaminants.

Surface Preparation

Recommended	SSPC SP 6 (Commercial Blast Cleaning)
Minimum	SSPC SP 2 or SP 3 (Hand or Power Tool Cleaning)

Suitable Primers: For metal - Forrest's 16P, 26P, 216P, 716P

MIXING AND THINNING
Mix Directions

Stir thoroughly before and occasionally during use.

Thinning Directions

Product packaged ready to apply. If needed thin up to 10% maximum with Xylene or Toluene.

APPLICATION
Application Parameters

Relative Humidity	< 80%
Minimum Temperature	40°F
Maximum Temperature	100°F

**The application temperature should be at minimum 5°F above the dew point.*

Application methods

The product can be applied by:

Spray

Airless spray: 0.011" - 0.017"

Conventional spray: .8mm – 1.8mm

Brush/Roll: Recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.

STORAGE

Storage

The product must be stored in accordance with local and national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 73°F (23 °C) = at least 12 months *

*When kept in recommended storage condition and original unopened containers.

CAUTION

Adequate health and safety precautions should be observed during storage, handling, use and curing periods.

READ SAFETY DATA SHEETS BEFORE USING THIS PRODUCT

DISCLAIMER

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use under then existing conditions. Our liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstances are we liable for incidental or consequential damages.