

DESCRIPTION

This medium service temperature formulation contains a blend of resins and pigments designed to provide continuous service up to 400°F and intermittent service up to 550°F (204°C to 287°C). This decorative coating is designed for fireplaces and general interior use.

BENEFITS

- Excellent surface hardness at service temperature.
- Excellent color and gloss retention.
- Excellent flow and product stability.

SPECIFICATIONS

Cure Schedule (Substrate Temperature)	10 mins. @ 400°F (204°C) 15 mins. @ 375°F (191°C)
Pencil Hardness	>H
Specific Gravity	1.51
Theatrical coverage for 1 mil	124 sq. ft. / lb.
Films build between	1.8 to 3.0 mils
Recommended at	2.0 mils

TYPICAL PROPERTIES

Gloss @ 60° (ASTM D523)	2-5
Pencil Hardness (ASTM D3363)	>H

PERFORMANCE TESTING

Testing at 400°F indicates 619 type products hold gloss and physical integrity at this service temperature. Testing at various temperatures indicates 619 products withstand short or intermittent service at up to 550°F while maintaining coating integrity.

SURFACE PREPARATION

Higher temperature coatings require cleaner substrates. Standard iron and zinc phosphate on clean steel or standard cleaning of aluminum are appropriate. Higher temperature coatings require cleaner substrates. Phosphate pretreatments have temperature limits, which must be observed.

FINISHED PRODUCT HANDLING

The finished coated product is not as tough as standard powder coatings. Care must be exercised in handling and packing to ensure that finish is not damaged.

PRECAUTIONS

Read and understand the MSDS before using. This product is more temperature sensitive than normal powders and should be used at temperatures below 77°F (25°C). This product is more susceptible to moisture than other powder products. Because of the electrostatic properties of this powder a fluidizing feed hopper with higher air flow must be used.

**We recommend testing for compatibility with other products that you use before purchasing.*

STORAGE

This product should be stored at temperatures below 77°F (25°C) for up to 6 months. Under carefully controlled conditions, shelf life may be extended.

LIMITATIONS

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 circumstance are we liable for incidental and consequential damages.