



Alseal 189P

Description

Alseal 189P is a high temperature water-based two component phenolic / epoxy coating composition containing laminar orienting pigments. This coating provides a very hard, abrasion resistant, corrosion resistant, and chemical resistant barrier film at constant temperatures up to 400°F with intermittent peak temperatures of 600°F complemented by a near-zero VOC.

Color

Yellow or Light Gray

Packaging

One gallon containers are standard.

Surface Preparation

New metal surfaces should be cleaned of oil, grease and dirt. The surface should then be prepared by blasting, chemical treatment, or both depending on specific specifications and a proper Alseal basecoat applied.

Application

Alseal 189P should be applied using standard paint spray equipment. The coating may be thinned up to 10% with water if necessary to help spray atomization. The air atomizing pressure should be approximately 30-40 PSI. A uniform wet coat should be applied to obtain the recommended dry film thickness. A mist or tack coat applied first sometimes helps obtain desired results.

Curing

Allow to air dry to touch. The coating should then be cured at 400F for 12 minutes or the coating can be shock cured from 30 seconds to 1 minute with a peak metal temperature of 500°F to 600°F.

Technical Data

Weight Solids :	52%
Volume Solids :	43%
Recommended DFT:	1.5 - 2.5 mils
Theoretical Coverage @ 2 mils DFT :	325 sq. ft./gallon
Cure Time @ 400°F PMT:	12 minutes minimum
Minimum Application Temperature :	55°F.
Method of Application :	Spray
Thinner :	Water
Clean up :	Water
Shelf Life :	One year, if unopened

Clean Up

As soon as possible after spraying and before coating has dried on equipment, clean up with water.

Precautions

Before handling: Read and understand our Material Safety Data Sheet (MSDS) issued in it's most recent revision with the product. Make sure old MSDS's are replaced completely by the revised version.

IMPORTANT: Under some processing conditions, this product may release formaldehyde in concentrations great enough to meet the requirements of 29 CFR 1910.1048. See MSDS for further information.

LIMITED WARRANTY : All statements, technical information and recommendations contained herein are based on tests the manufacturer believes to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied:

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective at the time the sealed container is first opened, and in no event beyond the shelf date printed on the label. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.

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