



Freeman 90-1 Pattern Coating

Description

Freeman 90-1 Pattern Coating is a durable, high gloss lacquer-based coating designed to withstand the chemicals and heat encountered with most air set and cold-set binders. It is a quick drying, self-leveling material that can be applied by brush or sprayed when thinned with Freeman Fre-Thin Thinner.

Physical Properties

Viscosity @ 77°F (Ford 4)	105-115 seconds
Spreading Rate (@ 1 mil DFT)	341 sq. ft/gal
Drying (air dry at 77°F)	
Tack Free	30-60 min
Recoat	1 hour
Through Dry	24 hours
Recommended Dry Film Thickness	1.0 mil

Do not use Aromatic solvents like Xylene, Toluene, or Aliphatic solvents such as Mineral Spirit or VM&P for reduction or cleaning as these are not solvents for this product.

Directions for use:

Stir thoroughly and confirm cleanliness of surface prior to use**. Apply generously via a flow technique and allow product to self-level. Excessive brushing is ill advised. 90-1 will not raise the surface grain, so sanding between coats is unnecessary.

Reduction: Start with a reduction 1:1 with Fre-Thin. Reduce further as necessary.

Conventional Spray Application

Atomization Pressure	45-60 psi
Fluid Tip055-.070
Fluid Delivery rate	10-12 oz/min

Clean-up:

Fre-Thin Thinner, MAK, MEK solvent to flush all equipment and spray guns after use.

**If product is to be applied to surface previously coated in another material, apply Freeman Lacquer Thinner to surface and then sand it lightly. In the case of Shellac, dilute 90-1 by one third with Freeman Lacquer Thinner for initial coat. All succeeding coats should be normal consistency. If successive coats increase in body, use Freeman Lacquer Thinner to achieve normal consistency.

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT

