

XIM SPECIFICATION NO. 1005

DATE : April 26, 2005

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PRIMING OF KITCHEN CABINETS

APPLICABLE SURFACES:

Formica Laminates, Composite Wood, Wood, Painted Surfaces, Painted Metal

BACKGROUND:

These surfaces have several things in common: they can have problems with paint adhesion and paint durability. The adverse environment (high humidity, changes in temperature, airborne greases and oils from cooking, etc.) can cause problems with cleaning the surface before priming or painting

PRODUCTS:

Primers:

- 400W White Quick Dry, Solvent Based Bonding Primer (Product No. 1102)
- 400W ES, Bonding Primer (Product No. 1144)
- 400 Clear Quick Dry, Solvent Based Bonding Primer (Product No. 1101)
- Advanced Technology UMA brand[®] White Water Based Bonding Primer (Product No. 1105)
- Advanced Technology UMA brand[®] Tintable Water Based Bonding Primer (Product No. 1106)

Top Coat Paints:

Semi-Gloss or Gloss Alkyds, Semi-Gloss 100% Acrylic Latex, Industrial Enamels, urethane paints.
(Check the top coat – primer compatibility)

SURFACE PREPARATION:

The surface must be clean and free from dirt, grease, oil, wax, soap residue, old paint and other contaminants. Clean by using a strong detergent or an abrasive detergent (Comet or Ajax) and abrasive pad. Rinse completely and allow to dry. Areas that are prone to grease and oil contamination should also be solvent cleaned with XIM GON Prep Cleaner or Xylene. Care should be taken to avoid contacting laminate glue with solvent. For best results: Scuff sand lightly and remove the sanding dust before priming. Be careful of cleaners that leave a residue. (A residue will keep the primer from sticking to your substrate.)

APPLICATION:

The primers can be applied by brush, roll or spray. Follow the application instructions for the various primers as outlined on their Data Sheets and Labels. Generally from about 0.75 to 1.50 mil is the desired dry film thickness for the primers. Each primer will have its own spread rate. See the labels or data sheets for square foot coverage.

CONSIDERATIONS:

One of the reasons to paint an existing hard, glossy surface is to change the color – not the gloss or texture. Adhesion of the primer must be outstanding, otherwise the paint or top coat may fail.

It is strongly recommended that a STA (Standard Test Area) be done. The STA must include the exact type and degree of cleaning, dulling, priming and painting that is to be done for the entire job. Find a small area or use the back of one of the cabinet doors as the test area. Remove hinges and hardware before working. Replace the hinges and hardware when the paint has fully cured.

Apply in multiple light coats when the cabinet doors have moldings or detail instead of one or more heavy coats. This will avoid rounding the edges of the molding.