

INTERIOR FIRE RETARDANT COATINGS

Flamort Co., Inc.
746 Natoma St.
San Francisco, CA 94103
(415) 621-7825 Fax (415) 621-6750

FLAMORT 6-3 is a clear and colorless surface impregnation for application on interior surfaces of unpainted wood and plywood to REDUCE FLAME SPREAD and SMOKE when exposed to fire. FLAMORT 6-3 does not contain Halogen or Sulfur compounds (Chlorine less than 0.005% by wt.; Sulfur less than 0.020% by wt.)

Surface impregnation by spraying allows FLAMORT 6-3 to penetrate into the surface of the wood. Application shall be with conventional low pressure air, airless, or orchard type paint spray equipment. Spray uniformly over the entire surface using a coarse nozzle (T-jet style nozzle may be used). Protect metal and other surfaces which may be affected by contact with the FLAMORT 6-3 overspray. Apply two (2) coats of FLAMORT 6-3, each coat at 200 sq. ft. coverage per gallon, with at least 24 hours drying time between coats. Proper drying conditions of temperature and humidity are necessary. Treated surfaces may be left unfinished, stained, painted, or coated with a varnish or lacquer (non-water base type). If any residue appears on the surface, sand and wipe clean before applying the finish coat. All equipment should be cleaned with water. Before finish system is applied, moisture content of flame retarded wood must not exceed 12% and must be stabilized at least four (4) days.

Treating a test sample is recommended to ensure compatibility with finishes. We are available for consultation should you require help in selecting compatible finishes.

FLAMORT 6-3 is furnished as a ready-to-use coating in one (1) gallon and five (5) gallon containers.

ASTM E84-80 rating: Flame Spread - 25 Class 1-A Smoke Density - 5

FLAMORT WC is an effective low cost fire retardant chemical for unfinished wood and plywood. FLAMORT WC is clear and colorless, and the natural appearance of the is retained after application. The treated surface may be left unfinished, finished with an approved stain (non-water base), or sealed with FLAMORT WAX COATING. FLAMORT WC is recommended for use in office buildings, restaurants, theaters, nursing homes, churches, schools, and other similar type construction where reduced fire hazards are to considered specifications.

FLAMORT WC is available in either a dry compound to be mixed with water or as a ready-to-apply solution. As with FLAMORT 6-3, conventional low pressure (50-100 psi) spray equipment can be used to apply FLAMORT WC. Protect all materials which may be affected by contact with the Flamort solution. Three (3) coats are required. Do not wait for the first and second coats to dry before applying the next coat. Just allow time for the solution to be absorbed. Hold nozzle 18" - 24" from the surface and apply sufficient Flamort solution in both directions to thoroughly wet all surfaces of the material. Application rate shall be 330 sq. ft. per coat for each gallon of solution. Spray equipment should be thoroughly rinsed with water after use.

The Flamort treatment may raise the grain of the wood; this should be removed by sanding and dusting. Conventional finished (non-water base) may be applied over a completely dried Flamort-treated surface. (The moisture content should not exceed 12% as measured by a properly

calibrated moisture meter.)

ASTM E84-80 rating: Flame Spread - 65 Class 2-B Smoke Density - 95