

## DESCRIPTION:

Davis MPPC 305 Flat Latex Ceiling Paint is an economical interior vinyl acrylic latex paint specifically formulated for professional use on properly primed/prepared ceilings.

Reprinted from National Paint and Coatings Association, Inc., FLAMMABILITY OF PAINT STUDY conducted by Southwest Research Institute, Project 3-3774-141. "We believe this study provides substantial evidence that conventional paints and coatings do not increase the flame spread of either non-flammable or flammable substrated upon which they are applied. It also indicates that any fuel contribution or smoke density increase is insignificant when compared with the contribution of the substrate itself."

## SPECIAL CAUTIONS:

Keep packaged material from freezing. If material has been frozen, do not stir until completely thawed. If material, when stirred after thawing, is of uniform consistency and has a suitable viscosity with no lumps, it may be used.

Do not apply when surface, air or material temperature is below 50° F. (10° C.).

## SURFACE PREPARATION:

**GENERAL** - Surface must be clean. Remove oil and grease with a detergent solution or paint thinner. Wash off dirt with warm soapy water and rinse with fresh water. Rust should be removed by wirebrushing or sanding. Refer to "**Surface Preparation Guide**" for more detailed instructions.

## UNFINISHED SURFACES:

**WOOD** - Sand smooth and apply one coat of Primer Undercoat. After primer has dried overnight, putty nail holes and cracks, then spot-prime putty with primer. Again, allow the primer to dry overnight, sand lightly and topcoat.

**MASONRY AND CONCRETE** - If efflorescence or cement dust is present on masonry and concrete, it should be removed by etching with a 10% solution of muriatic (Hydrochloric acid) solution; wear protective goggles and rubber gloves. Flush off surface, after etching, with clean water and allow to dry.

On surfaces where muriatic acid cannot be used to neutralize the efflorescence, sand, scrape, and wire brush and coat with Masonry Conditioner before painting.

Prime with latex primer and allow to dry four hours before topcoating. Rough concrete and haydite blocks should be filled with Latex Block Filler. Allow to dry overnight before priming.

**PLASTER AND WALLBOARD** - Prime with latex primer and allow to dry four hours before topcoating.

**IRON AND STEEL** - Prime with metal primer and allow to dry overnight before topcoating.

**GALVANIZED METAL** - Prime with galvanized metal primer and allow to dry overnight before topcoating.

**ALUMINUM** - Sand surface lightly with fine sandpaper and prime with Metal Primer. Allow to dry overnight before topcoating.

**WALLPAPER** - Remove loose paper. Test for bleeding by applying wallpaint to a small area to be sure wallpaper colors are waterfast. If color bleed occurs, seal paper with one coat of white shellac reduced with an equal volume of alcohol. Avoid holidays or skips when applying the shellac. Allow to dry for one hour before topcoating.

**PREVIOUSLY FINISHED SURFACES:**

Remove all loose and flaking paint by scraping and sanding. All calcimine paints must be removed before painting by scraping and washing.

Walls and ceilings should be washed to remove dirt, dust, grease, oils, nicotine, waxes, etc.

Scuff sand slick, hard glossy surfaces with coarse sandpaper.

Liquid deglossers may be used to promote adhesion by softening and dulling the old slick, hard glossy paint and removing grease, wax, etc.

Spot prime bare areas with recommended primer and allow to dry before topcoating.

**MIXING:**

Stir each container thoroughly prior to use. No thinning is required for brush or roller application. For spray application, up to one pint of water may be added to each gallon of paint.

**APPLICATION:**

Do not apply when surface, air or material temperature is below 50° F.

Two coats are required for best appearance. Apply using a nylon wall brush or a short-nap roller. Keep brush or roller well filled and flow on freely.

To spray, use the following recommendation or equal as a guide:

**AIRLESS SPRAY:**

Tip . . . . .	.013-.021"
Fan . . . . .	40°-60° (8-12 inch fan)
Pressure . . . . .	1500-2000 PSI

**CLEAN UP:**

Clean brushes, rollers and spray equipment, after each use, with warm soapy water, then rinse with clean water. Follow-up with mineral spirits in spray equipment to avoid rusting. Dispose of used paint and waste in accordance with local, state and federal regulations.

**COVERAGE:**

One gallon will cover 400 square feet (37 square meters per 3.785 liters) per coat on smooth surfaces. Rough or porous surfaces require more paint.

**DRYING:**

Optimum drying conditions are 60° F. to 90° F. (16° C. to 32° C.) at 50% R.H.

To Touch . . . . .	30 Minutes
To Recoat . . . . .	2 Hours
Full Cure . . . . .	10 to 14 Days

Lower temperatures and high humidity will slow dry.

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Values based on **MPPC 305 Flat Latex Ceiling Paint White, 4305**

Weight Gallon: 11.58

Weight Solids: 47.8%

Volume Solids: 27.6%

Coverage:

@ 1 Dry Mil: 443 sq. ft./gallon

@ Spread Rate: 400 sq. ft./gallon (4.0 mils wet)

Deposits a 1.1 mil dry film

VOC (g/l): Not to Exceed 100

Viscosity: 95-100 K.U. @ 77° F.

Gloss @ 60: 5 Max, Flat

Grind (Hegman): #4-5

DOT Class: Non-Combustible, Not Regulated

Federal Specification: TT-P-29 Performance Alternate

HMIS/NFPA: 1,0,0

Cure Time (Based on 70° F. & 50% R.H.):

To Touch: 30 Minutes

To Recoat: 2 Hours

Recommended Thinner: Water for clean-up and reduction for spray

Temperature Resistance: Continuous 150° F., Intermittent 200° F.

**CAUTION!** Do not take internally. Close container after each use. Use only with adequate ventilation. KEEP OUT OF THE REACH OF CHILDREN. For specific safety requirements, refer to the Material Safety Data Sheet. Protect from freezing.

LIMITATION OF LIABILITY: To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance, but is subject to change without prior notice. We make no guarantee of any kind, express or implied, including merchantability and fitness for particular purposes. Liability, if any, is limited to replacement of the product or refund of the purchase price. Labor, or cost of labor, and other consequential damages are hereby excluded.