

MPPC 410 FLAT ACRYLIC LATEX HOUSE & TRIM PAINT

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DESCRIPTION:

Davis MPPC 410 Flat Acrylic Latex House & Trim Paint is a high quality, acrylic product specifically formulated for professional use. This unique product is recommended for properly primed/prepared exterior surfaces of wood and wood-based products, masonry, concrete block, stucco, metal and previously painted or stained surfaces.

SPECIAL CAUTIONS:

Do not apply directly to bare metal as it can show flash rusting. Use recommended primer as first coat. Do not apply directly to bleeding woods (cedar, redwood and plywood) as tannins will bleed and cause discoloration. Use recommended primer.

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.) or expected to fall below 50° F. eight hours after application. Also, do not apply when rain is imminent.

SURFACE PREPARATION:

GENERAL - Surfaces must be clean. Remove oil and grease with paint thinner. Clean off dirt with a detergent solution and rinse with clean water. Refer to "**Surface Preparation Guide**" for more detailed instructions.

UNFINISHED SURFACES:

WOOD - Countersink or completely prime all nailheads. To prevent bleeding from tannins and dyes on woods such as cedar, redwood, and plywood, prime with Latex House Paint Primer. Primer may be tinted to approximate shade of top coat. Allow primer to dry for one hour, longer if necessary in cool weather, then putty and caulk all nail holes and cracks. Apply two full coats of topcoat.

MASONRY AND CONCRETE - New surfaces must age 30-60 days minimum prior to finishing. These surfaces, when in good condition, require no special primer. For the smoothest appearance and to prevent porosity, concrete and haydite block should be filled with Latex Block Filler. The block filler should dry overnight before it is topcoated.

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; wear protective goggles and rubber gloves. When etching action is complete, flush off surface with clean water and allow to dry.

To provide a firm repaintable surface, badly weathered masonry with soft crumbly mortar joints and old soft asbestos cement board or shingles should be coated with Masonry Conditioner. Allow to dry overnight before topcoating.

To remove grease and mold release compounds on new or unweathered asbestos cement board and shingles, wash with paint thinner and follow with a strong detergent washing.

IRON AND STEEL - Remove rust by sandblasting, wirebrushing or sanding. Prime with Metal Primer and allow to dry overnight before topcoating.

GALVANIZED METAL & ALUMINUM - Wire brush and sand to remove loose materials, then solvent-wipe to remove surface oils.

PRE-PRIMED HARDBOARD - Remove all dirt and contamination. Finish within 30 days after installation. A minimum two-coat system is required. Either one coat primer and one coat of topcoat; or two coats of topcoat. If siding is exposed over 30 days, the first coat must be a primer.

PREVIOUSLY FINISHED SURFACES:

Remove all loose and peeling paint by scraping, wirebrushing, power washing or sanding. Spot prime all bare areas with recommended primer and allow to dry before topcoating. Replace all missing or loose caulking around door and window areas.

Wash off dirt and chalk with a detergent solution, then rinse off with a strong stream of water. Slick soaps may form on the surface of aged but unexposed old house paint films particularly under eaves. These will prevent adhesion of the new paint unless removed using the same procedure as for dirt and chalk.

Remove mildew using a commercial mildew remover or a solution of one quart household chlorine bleach with three quarts of water. Protect eyes with goggles and hands with rubber gloves. Apply solution to affected areas and allow to stand until mildew is bleached and then rinse well with water. Badly affected areas may require two treatments.

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., or expected to fall below 50° F. within 24 hours of application. Apply each coat at the recommended coverage rate. May be applied in damp humid weather but do not apply when rain is imminent. Do not apply in direct sun or on a hot surface. Two coats are recommended for best appearance. Apply using a nylon/polyester brush or appropriate roller dependent upon surface texture. Avoid lapping and keep brush or roller well filled and flow on freely.

In extremely hot weather, dampen the surface with water prior to painting. Paint in shaded areas when possible and wash brushes and rollers periodically.

For spray application, up to one pint of water may be added to each gallon to ease application. To spray, use the following recommendation or equal as a guide:

AIRLESS SPRAY:

Tip015-.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 unused 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 410 Flat Acrylic Latex House & Trim Paint**
4410 Pro White, 4411 Pastel Base, 4412 Tint Base, 4413 Deep Base

Weight Gallon: 10.46

Weight Solids: 42.8%

Volume Solids: 28.3%

Coverage:

@ 1 Dry Mil: 454 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: 100-105 K.U. @ 77° F.

Gloss @ 60: 5 Max, Flat

Grind (Hegman): #2-3

DOT Class: Non-Combustible, Not Regulated

Federal Specification: TT-P-19 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.