

**Architectural Coatings**

**MANOR HALL® Exterior Premium Eggshell Acrylic Latex**

**Generic Type**

**100% Acrylic Latex/Urethane Modified**

**General Description**

Our absolute best exterior paint. MANOR HALL® is our super premium 100% acrylic formulated to meet superior performance expectations. MANOR HALL®'s 100% acrylic and proprietary, automotive-grade urethane formula provides superior durability and flexibility that yields excellent tolerance to temperature fluctuations and weathering. MANOR HALL® has superior adhesion on chalky and aged alkyds. Effective application down to 35°F (2°C). Recommended for use over properly prepared wood, aluminum and vinyl siding (see Limitations for Use), cement-composition, primed metal, brick, cured masonry and stucco surfaces.

**Recommended Uses**

Doors	Masonry
Primed Metal	Siding
Trim	Vinyl Siding
Windows	

**Features / Benefits**

Superior Hiding  
Superior Adhesion  
Proprietary Urethane Provides Added Durability and Flexibility  
Fade & Chalk Resistance  
Excellent Mildew Resistance on the Paint Film  
Low Temperature Application to 35°F (2°C).  
Soap & Water Clean-Up  
Available in More than 1,800 Colors from  
THE VOICE OF COLOR Design Collection

**Limitations of Use**

Apply only when air and surface temperatures are 35°F (2°C) or above and will remain above 35°F (2°C) for the next 24 hours. Avoid painting late in the day when dew or condensation are likely to form or if rain or snow are threatening. PROTECT FROM FREEZING. Not recommended for use on steps, walkways, or other traffic areas. Due to the possibility of heat related warping, do not paint vinyl siding darker than the original color. Drying times listed may vary depending on temperature, humidity and air movement. While this product provides a mildew resistant coating, growth may still occur if the substrate is not properly prepared prior to painting and/or if the substrate is consistently exposed to conditions conducive to mold, mildew, and algae. Examples of these conditions include, but are not limited to, under eaves, behind shrubbery and trees, and in areas that are consistently damp with little to no direct sunlight.

**Tinting and Base Information**

Use PITTSBURGH® Paints Custom Colorants to achieve hundreds of colors. Refer to THE VOICE OF COLOR® formula book for tinting instructions. Color selection over vinyl siding is limited. For information, call 1-800-441-9695.

79-110	White and Pastel Mixing Base
79-150	Midtone Mixing Base
79-200	Deeptone Mixing Base
79-300	Deep Rustic Mixing Base
79-45	Super White

**Product Data**

<b>Gloss:</b>	Eggshell: 0 to 10 (60° Gloss Meter)
<b>VOC*:</b>	1.20 lbs/gal (144.00 g/L)
<b>DFT:</b>	1.20 minimum to 1.50 maximum mils
<b>Coverage:</b>	400 to 500 sq. ft./gal. (37 to 46 sq. m/3.78L)

Note: Does not include loss due to varying application method, surface porosity, or mixing.

<b>Volume Solids*:</b>	36% +/- 2.0%
<b>Weight Solids*:</b>	52% +/- 2.0%
<b>Viscosity:</b>	85 to 95 KU
<b>Weight/Gallon*:</b>	11.1 lbs. (5.0 kg) +/- 0.2 lbs. (91 g)
<b>Cleanup:</b>	Soap and Water

\*Product data calculated on product 79-45.

**Drying Time:**

To Touch:	30 minutes
To Handle:	1 hour
To Recoat:	4 hours
To Full Cure:	30 days

**Dry Time @77°F (25°C); 50% relative humidity**

**Flash Point:** Over 200°F, (93°C)

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## General Surface Preparation

Surface to be painted must be clean, dry, and free from surface contaminants. Putty nail holes and caulk cracks and open seams. Sand glossy, rough, and patched surfaces. Prime bare surfaces with the appropriate primer. Remove and inhibit regrowth of mildew by using PPG MILDEW CHECK® Multi-Purpose Wash, 18-1. Read and follow the instructions and warnings on the label. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

**NEW WOOD:** Sand smooth and wipe clean. Seal knots and resinous areas. Countersink all nails. Putty flush with surface, then prime.

**PREVIOUSLY PAINTED WOOD:** Remove excessive chalking, loose, peeling, or flaking paint. Feather back all rough edges to sound surface by sanding. Prime all bare wood areas.

**CONCRETE BLOCK, CINDER BLOCK, VERTICAL MASONRY:** New concrete should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-base paint must be prepared with extra care. Such coatings must be completely removed for best results. If the coatings appear to be adhering tightly, a masonry sealer may be applied to seal the surface prior to topcoating.

**METAL:** Rust and other surface contaminants must be removed. Use appropriate primer.

**GALVANIZED STEEL:** Stabilizers must be removed by either brush blasting, sanding or chemical treatment.

**ALUMINUM AND VINYL SIDING:** Siding may present potential adhesion problems. Siding must be properly aged and cleaned prior to painting. Topcoat should be spot applied, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed. One way to check adhesion is by applying a piece of masking tape to test the topcoat. If the topcoat peels off easily, the surface must be scuff sanded prior to proceeding to ensure mechanical adhesion. For vinyl, do not paint with a color darker than the original vinyl siding due to potential warping.

## Recommended Primers

Wood	1-70, 77-109, 72-1, 17-921
Plywood	77-102, 72-1
Ferrous Metal	6-208, 6-212, 90-712
Galvanized Steel	6-209, 90-712
Aluminum	6-204, 90-712
Hardboard	17-921
Concrete Masonry Units, Masonry (Block Fillers)	6-7, 6-15, 6-16
<b>Concrete, Masonry (Primers, Sealers)</b>	<b>4-603, 4-808</b>

## Directions for Use

Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, mix together (box) before applying. **USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.** Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

## Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	35 to 100°F	2 to 38°C
Substrate:	35 to 100°F	2 to 38°C

## Application Information

## Recommended Spread Rates:

Wet Mills :	3.2 minimum to	4.0 maximum
Wet Microns:	81.3 minimum to	102.0 maximum
Dry Mills :	1.2 minimum to	1.5 maximum
Dry Microns:	30.5 minimum to	38.0 maximum

**Application Equipment:** Apply with a high quality brush, roller, paint pad, or by spray equipment. Where necessary, apply a second coat. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

**Airless Spray: Pressure 2000 psi, tip 0.015" - 0.021"**

**Brush: Polyester/Nylon Brush**

**Roller: 3/16" - 3/8" nap roller cover**

## Thinning:

No thinning is usually required. If necessary add up to 1/4 pint (118 mL) of water per gallon (3.78 L) of paint.

**Packaging: 1-Gallon (3.78L)  
5-Gallon (18.9L)  
Quart (946 mL)**

Not all products are available in all sizes.

PPGAF believes the technical data presented is currently accurate: however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



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