

B. Paints, Sealants, Adhesives

Technical Bulletin B-1

VERSATEX Paint Specification – PPG

VERSATEX is a free-foam cellular PVC that can be painted to achieve the desired look or accent color to your home. To ensure good adhesion, the surface of the product should be clean, dry and free of dirt, mildew, chalk, grease and any other surface contaminants before paint application. Prior to cleaning it is a good practice to fill all nail holes and remove any marks or blemishes that appear during the installation process. Sanding the surface is an acceptable method of removing blemishes. However, with sanding the original exterior surface is removed and the micro cell structure exposed. A 100% acrylic latex or 100% acrylic latex with a urethane additive should be used to achieve superior coating durability and flexibility. Only **light to medium colored PPG paints with a light reflective value of 55 units or greater** should be applied to VERSATEX. **Using a paint with a LRV below 55 units will void our product warranty.**

PPG Industries have made product recommendations based upon our guidelines and their own investigative testing for adhesion and visual appearance. Simply using a product from this list does not ensure a perfect finish. Finished results and the paints longevity depends on the amount of paint applied, proper application and the weather climatic conditions during application. Always follow PPG or the paint manufacturer's application instructions. Also, be sure to read and follow the instructions and warnings on the label.

The follow list of PPG acrylic paints were tested and are approved for application over VERSATEX products:

- **Sun-Proof Exterior Semi-Gloss Latex Paint (785 Series)**
- **Sun-Proof Exterior House and Trim Flat Latex Primer (72-1 Series)**
- **Manor Hall Exterior Premium Eggshell Acrylic Latex/Urethane Modified (79-45 Series)**
- **Manor Hall Exterior Premium Flat Acrylic Latex (74-45 Series)**
- **Manor Hall Exterior Semi-Gloss (75 Series)**
- **Manor Hall Exterior Gloss (52 Series)**
- **Olympic (Machine Coat) 54670 Flat Pastel Base**

Apply when air and surface temperatures are 35°F (2C) or above, and when the air and surface temperatures will remain above 35°F (2C) for the next 24 hours. Avoid painting early in the morning or late in the day when dew and condensation are likely to form, or when rain or snow is threatening. To prolong the shelf life of the paint, always protect it from freezing.

Cleaning can be accomplished using a cloth and a mixture of a mild detergent and water. Other cleaning agents include a mild household spray cleaner, a degreaser, or alcohol.

Drying Times

- 1) To the touch: 30 minutes
- 2) To handle: 1 hour
- 3) To recoat: 4 hours
- 4) To full cure: 30 days

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Features and Benefits

- Superior Hiding
- Superior Adhesion
- Fade & Chalk Resistance
- Low Temperature application to 35°F
- Soap & Water Clean-up

Dry Time at 77°F (25C); 50% relative humidity.

Flash Point: Over 200°F (93C)

Please contact VERSATEX at (724) 857-1111 or sales@versatex.com for a technical data or MSDS sheets on the above listed PPG paints.

VERSATEX Coating Adhesion Test

Sample Description	Olympic 54670		Sun-Proof 72-110		Manor Hall 74-110		Manor Hall 79-110	
	dry x-cut	wet x-cut	dry x-cut	wet x-cut	dry x-cut	wet x-cut	dry x-cut	wet x-cut
Smooth Sample #1	0	0	<5	<5	0	0	0	0
Smooth Sample #2	0	<1	<5	<5	0	<5	<1	0
Smooth Sample #3	0	<1	<5	<5	0	0	0	0
Smooth Sample #4	0	0	<5	5	<1	<5	<1	0
Embossed Sample #1	0	0	<1	<5	0	0	0	0
Embossed Sample #2	0	0	<5	<5	0	0	0	0
Embossed Sample #3	0	<1	<5	<5	<1	0	0	0
Embossed Sample #4	0	0	<1	<5	0	0	0	0

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ASTM D 3359: Cross-Cut Tape Test Adhesion Strength Test

Sample Description	Olympic	54670	Sun-Proof	72-110	Manor Hall	74-110	Manor Hall	79-110
	dry x-cut	wet x-cut	dry x-cut	wet x-cut	dry x-cut	wet x-cut	dry x-cut	wet x-cut
Smooth Sample #1	5A	5A	4A	4A	5A	5A	5A	5A
Smooth Sample #2	5A	4A	4A	4A	5A	4A	4A	5A
Smooth Sample #3	5A	4A	4A	4A	5A	5A	5A	5A
Smooth Sample #4	5A	5A	4A	3A	4A	4A	4A	5A
Embossed Sample #1	5A	5A	4A	4A	5A	5A	5A	5A
Embossed Sample #2	5A	5A	4A	4A	5A	5A	5A	5A
Embossed Sample #3	5A	4A	4A	4A	4A	5A	5A	5A
Embossed Sample #4	5A	5A	4A	4A	5A	5A	5A	5A

ASTM D 3359 Rating System

- 5A – No peeling or removal.
- 4A – Trace peeling or removal along incisions or at their intersections.
- 3A – Jagged removal along incisions up to 1/16” on either side.
- 2A – Jagged removal along most incisions up to 1/8” on either side.
- 1A – Removal from most of the area of the X under the tape.
- 0A – Removal beyond the area of the X.

Considerations

- Higher quality paints typically outperform lower quality paints.
- Temperature humidity, wind and the amount of direct sunlight at time of application will affect paint drying times.
- Since VERSATEX is impervious to moisture it may take as much as 45 days for paint application to fully cure.
- Paint failures on wood are due primarily to moisture cycling. Since VERSATEX cannot absorb moisture, paints will adhere better and for a much longer time when applied to VERSATEX versus wood.

Disclaimer

Wolfpac Technologies, Inc. is not liable for paint used on VERSATEX Trimboards and/or the results of its use.