HOME of MAGNUM® BOARD
"The New Generation Building Material"

TECHNICAL BULLETIN No.:	071509-1235
Subject:	Interior Painting Guidelines
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1.0 PURPOSE

1.1 To provide a guideline to painting Magnum Board® Products.

1.2 Use this guide or any equivalent product.

2.0 GENERAL

2.1 Magnum Building Products has tested its products with many manufacturers' products and all tested work extremely well.

2.2 If you would like further information about finish products and Magnum Board please contact the home office.

3.0 RESPONSIBILITY

3.1 It is the responsibility of the painter to ensure the guidelines are followed.

3.2 Always ensure materials are properly cleaned before beginning the finish process.

4.0 PROCEDURE

4.1 See attached Sherwin Williams painting guidelines for Magnum Board® Products.

5.0 REFERENCES

5.1 Magnum Building Products® "MSDS"

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The Sherwin-Williams Company
9/2009
MAGNUM BUILDING PRODUCTS
PROPOSED PAINT SYSTEM GUIDE

1.1 INTERIOR PAINT SCHEDULE

A. MAGNUM BP(Field Applied Primer and Finish)

1. Latex Finish
a. Matte Finish
1st Coat: S-W Adhesion Promoting Primer B51W50
(4 mils wet, 1.7 mils dry)
2nd Coat: S-W Duration® Interior Acrylic Matte, A96 Series
3rd Coat: S-W Duration® Interior Acrylic Matte, A96 Series
(4 mils wet, 1.6 mils dry per coat)
b. Satin Finish
1st Coat: S-W Adhesion Promoting Primer, A24W300
(4 mils wet, 1.7 mils dry)
2nd Coat: S-W Duration Interior Acrylic Satin-Semi Gloss, A97-A98 Series
3rd Coat: S-W Duration Interior Acrylic Satin-Semi Gloss, A97-A98 Series
(4 mils wet, 1.6 mils dry per coat)

1.2 SURFACE PREPARATION:
A Proper product selection, surface preparation, and application affect coating performance. Coating integrity and service life will be reduced because of improperly prepared surfaces. Selection and implementation of proper surface preparation ensures coating adhesion to the substrate and prolongs the service life of the coating system.
B Selection of the proper method of surface preparation depends on the substrate, the environment, and the expected service life of the coating system. Economics, surface contamination, and the effect on the substrate will also influence the selection of surface preparation methods.

C **Cement Composition Siding/Panels**
Remove all surface contamination by washing with an appropriate cleaner,
Rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Pressure clean, if needed, with a minimum of 2100 psi pressure to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. The pH of the surface should be between 6 and 9, unless the products are designed to be used in high pH environments.

D **New cellular vinyl composite board:** The surface must be clean, dry, scuff sanded and in sound condition. Remove oil, dust, dirt, or other contamination to ensure good

adhesion. Clean thoroughly by scrubbing with a warm, soapy water solution. Rinse thoroughly. **Painting with darker colors may cause siding to warp, unless SuperPaint® VinylSafe™ is used.**

E **Previously Coated Surfaces**: Maintenance painting will frequently not permit or require complete removal of all old coatings. However, all surface contamination such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, loose mortar, efflorescence, and sealers must be removed to assure sound bonding to the tightly adhering old paint.
Glossy paint surfaces must be clean and dull before repainting. Thorough washing with an abrasive cleanser may clean and dull in one operation, or, wash thoroughly and dull by sanding. Spot prime any bare areas with an appropriate primer.
Note that any surface preparation short of total removal of the old coating may compromise the service length of the system. Check for compatibility of the recommended coating system by applying a test patch, covering at least 2 to 3 square feet. Allow surface to dry one week before testing adhesion per ASTM D3359. If the coating system is incompatible, complete removal is required.

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.
Remove mildew before painting by washing with a solution of 1 part liquid Household bleach and 3 parts of warm water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes; however, do not allow the solution to dry on the surface. Rinse thoroughly with clean water and allow the surface to dry 48 hours before painting. Wear protective glasses or goggles, waterproof gloves, and protective clothing. Quickly wash off any of the solution that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

F No exterior painting should take place immediately after a rain, during foggy weather, when rain is predicted, or when the temperature is below 50°F unless the specified product is designed for the marginal conditions.

1.3 INSTALLATION

A Apply all coatings and materials with manufacturer’s specifications in mind. Mix and thin coatings according to manufacturer’s recommendation

B Do not apply to wet or damp surfaces.

1 Test new substrate for moisture content.
2 Do not leave or store unfinished doors outside.
3 Cellular vinyl composite board should not be finished under very humid conditions.

C Apply coatings using methods recommended by the manufacturer.

D Uniformly apply coatings without runs, drips, or sags, without brush marks, and with consistent sheen.

E Apply coatings at spread rates required to achieve the manufacturer’s recommended dry film thickness.

1.4 PROTECTION

A Protect finished coatings from damage until completion of project.

B Touch-up damaged coatings after substantial completion, following manufacturers recommendation for touch up or repair of damaged coatings. Repair any defects that will hinder the performance of the coatings.