



REGAL[®]

PREMIUM INTERIOR 100% ACRYLIC

MATTE FINISH W221

Features

- Ceramic technology for easy stain removal
- Washable
- Excellent hide
- Spatter-resistant
- Provides a mildew resistant coating
- Easy application
- Easy clean up
- Easy touch up
- Painted surfaces can be washed after two weeks

Recommended For

Residential or commercial high traffic applications where a premium quality flat finish is desired. New or previously painted wallboard, plaster, masonry, or wallpapered surfaces; primed or previously painted wood or metal; new or coated acoustic ceilings.

General Description

A premium quality 100% acrylic matte finish that washes clean with soap and water. It contains microscopic ceramic beads and proprietary stain release technology that together create a protective surface that resists the absorption of stains. Most common household stains* can be easily removed with mild soap and water.

*Common household stains include: dirt and grime, lipstick, ketchup, washable markers, etc.

Limitations

- Do not apply when air and surface temperatures are below 50° F (10° C).

Product Information

Colors — Standard:

White and a range of ready-mixed off-white colors

— Tint Bases:

Genex[®] Waterborne Colorant Bases 1X, 2X, 3X, & 4X

— Special Colors:

Contact your Benjamin Moore[®] representative.

Certification:

Very low in VOC's

Master Painters Institute MPI# 53



Technical Assistance

Available through your local authorized independent Benjamin Moore[®] retailer. For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com, or consult your local Yellow Pages.

Technical Data[◇]

Pastel Base

Vehicle Type	Proprietary Acrylic Latex
Pigment Type	Titanium Dioxide
Volume Solids	39%

Coverage per Gallon at Recommended Film Thickness	400 – 450 Sq. Ft.
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Recommended Film Thickness	– Wet	3.8 mils
	– Dry	1.5 mils

Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.

Dry Time @ 77° F (25° C) @ 50% RH	– To Touch	1 Hour
	– To Recoat	1 - 2 Hours

Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.

Dries By	Evaporation, Coalescence
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Viscosity	97 ± 2 KU
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Flash Point	None
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Gloss / Sheen	Matte
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Surface Temperature at Application	– Min.	50° F
	– Max	90° F

Thin With	Clean Water
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Clean Up Thinner	Clean Water
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Weight Per Gallon	12.0 lbs
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Storage Temperature	– Min.	40° F
	– Max	90° F

Volatile Organic Compounds (VOC)

43 Grams/Liter .36 lbs./Gallon

[◇] Reported values are for Pastel Base. Contact Benjamin Moore & Co. for values of other bases or colors

Regal® Premium Interior 100% Acrylic Matte Finish W221

Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water soluble materials, and mildew. Remove any peeling or scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust.

New plaster or masonry surfaces must be allowed to cure 30 days before applying base coat. Cured plaster should be hard, have a slight sheen and maximum PH of 10; soft, porous or powdery plaster indicates improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles before priming. Wood substrates must be thoroughly dry.

Difficult Substrates: Benjamin Moore & Co. offers a variety of specialty primers for use over difficult substrates such as bleeding woods, grease stains, crayon markings, hard glossy surfaces, galvanized metal or other substrates where paint adhesion or stain suppression is a particular problem. Your Benjamin Moore® retailer can recommend the right problem-solving primer for your special needs

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Primer/Finish Systems

Regal® Primer (W216) is the preferred primer in most situations. New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results with clean off-white colors, use Regal® Primer tinted to the approximate finish coat color, or two finish coats. For best results when a significant color change is required, use Regal® Primer tinted to the approximate finish coat color. **Special Note:** Certain custom colors require a Deep Color Base Primer tinted to a special prescription formula to achieve the desired color. Consult your retailer.

Wood and engineered wood products:

Primer: Regal® Primer & Underbody (W216), Fresh Start® All-Purpose 100% Acrylic Primer (N023) or Fresh Start® Alkyd Enamel Underbody (217)

Finish: 1 or 2 coats Regal® Matte Finish (W221)

Drywall:

Primer: Regal® Primer & Underbody (W216) or Fresh Start® All-Purpose 100% Acrylic Primer (N023)

Finish: 1 or 2 coats Regal® Matte Finish (W221)

Plaster:

Primer: Fresh Start® All-Purpose 100% Acrylic Primer (N023) or Fresh Start® 100% Acrylic Superior Primer (046)

Finish: 1 or 2 coats Regal® Matte Finish (W221)

Rough or Pitted Masonry:

Primer: Super Spec® Latex Block Filler (160) or Super Spec® Masonry Interior/Exterior Hi-Build Block Filler (206)

Finish: 1 or 2 coats Regal® Matte Finish (W221)

Smooth Poured or Precast Concrete:

Primer: Regal® Primer & Underbody (W216) or Fresh Start® All-Purpose 100% Acrylic Primer (N023)

Finish: 1 or 2 coats Regal® Matte Finish (W221)

Ferrous Metal (Steel and Iron):

Primer: Super Spec HP® Acrylic Metal Primer (P04) or Super Spec HP® Alkyd Metal Primer (P06)

Finish: 1 or 2 coats Regal® Matte Finish (W221)

Non-Ferrous Metal (Galvanized & Aluminum): All new metal surfaces must be thoroughly cleaned with Super Spec HP® Oil & Grease Emulsifier (P83) to remove contaminants. New shiny non-ferrous metal surfaces that will be subject to abrasion should be dulled with very fine sandpaper or a synthetic steel wool pad to promote adhesion

Primer: Super Spec HP® Acrylic Metal Primer (P04)

Finish: 1 or 2 coats Regal® Matte Finish (W221)

Repaint, All Substrates: Prime bare areas with the primer recommended for the substrate above.

Application

Mixing of Paint: Stir thoroughly before and during use. Apply one or two coats. For best results, use a premium Benjamin Moore® custom-blended nylon/polyester brush, premium Benjamin Moore® roller, or a similar product. Apply paint generously from unpainted area into wet area. This product can also be sprayed.

Thinning/Cleanup

Conditioning with Benjamin Moore® 518 Extender may be necessary under certain conditions to adjust open time or spray characteristics. The chart below is for general guidance		
	Mild conditions	Severe conditions
	Humid (RH> 50%) with no direct sunlight & with little to no wind	Dry (RH<50%), in direct sunlight, or windy conditions
Brush: Nylon / Polyester	No thinning necessary	Add 518 Extender or water: Max of 8 fl. oz. to a gallon paint Never add other paints or solvents.
Roller: Premium Quality Nylon/Polyester		
Spray: Airless Pressure: 2000 -2500 psi Tip: 0.013-0.017		

Wash painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.**

Environmental Health & Safety Information

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. Wear eye protection and gloves during application or sanding. A dust/particulate respirator approved by NIOSH should be worn when sanding or spraying. Close container after each use.

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under **Thinning/Cleanup**.

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

**Refer to Material Safety Data Sheet for
additional health and safety information.**