100% ACRYLIC EXTERIOR FLAT FINISH 541

Features

- Low temperature application down to 35 °F (1.7 °C)
- Resistant to peeling and cracking
- Excellent hide and color retention
- Blister resistant
- Resists new mildew formation
- Soap and water clean-up
- 25 Year warranty

General Description

A premium quality 100% acrylic latex flat house paint designed for application to a wide variety of exterior surfaces such as wood, hardboard, vinyl and aluminum siding, shingles, unglazed brick, concrete, stucco, cinder block, and primed metal. Provides a breathable surface for maximum durability.

Recommended For

For exterior surfaces such as new or previously painted wood, hardboard siding, cured masonry, and unglazed brick.

Limitations

- Do not apply when air and surface temperatures are below 35 °F (1.7 °C).
- Not for interior use

Product Information

Colors — Standard:

White (01)

(May be tinted with up to 2.0 fl. oz. of Benjamin Moore® Gennex® colorants per gallon.)

— Tint Bases:

Benjamin Moore® Gennex® bases 1X, 2X, 3X & 4X

— Special Colors:

Contact your Benjamin Moore Representative

Technical Data

<table>
<thead>
<tr>
<th>Base</th>
<th>Vehicle Type</th>
<th>100% Acrylic Latex</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume Solids</td>
<td></td>
<td>34.5%</td>
</tr>
<tr>
<td>Coverage per Gallon at Recommended Film Thickness</td>
<td></td>
<td>350 – 475 Sq. Ft.</td>
</tr>
<tr>
<td>Recommended Film Thickness</td>
<td>Wet</td>
<td>3.8 mils</td>
</tr>
<tr>
<td></td>
<td>Dry</td>
<td>1.3 mils</td>
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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 | 4 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

Viscosity

105 ± 3 KU

Flash Point

N/A

Gloss / Sheen

Flat (0.5 – 2.5 @ 85°)

Surface Temperature

- Min. | 35 °F |
- Max | 100 °F |

Thin With

See Chart

Clean Up Thinner

Clean Water

Weight Per Gallon

11.06 lbs

Storage Temperature

- Min. | 40 °F |
- Max | 95 °F |

Volatile Organic Compounds (VOC)

45.1 Grams/Liter .37 lbs./Gallon

Certifications & Qualifications:

- Master Painters Institute MPI # 10
- Water vapor permeance ASTM D1653: 47 perms
- Wind driven rain ASTM D6904 (1 coat 608 masonry primer/1 coat 541)
- Early Rain Resistance: 1 ½ – 2 hours after application over wood, primed surfaces or previously painted surfaces (77 °F / 50% RH)
- Other surfaces such as hardboard or vinyl may require a longer dry time

- Passes ASTM D3273 / D3274 Mildew, Mold Resistance Tests (no growth)

25 YEAR WARRANTY: Benjamin Moore & Co. warrants that this product when used in accordance with the label instructions, will not: 1. blister from properly prepared and primed surfaces, 2. peel from properly prepared and primed surfaces, and 3. wear down or weather to expose the previously painted surface. This warranty shall be effective for 25 years and is made to the original residential consumer paint purchaser. This warranty is non-transferable. If this product fails to perform as explained above when used according to label instructions within the warranty period, Benjamin Moore & Co. will, upon presentation of proof of purchase (original sales receipt), provide an equivalent or comparable product at no charge. Since we have no control over surface preparation or application, THIS LIMITED WARRANTY DOES NOT INCLUDE THE COST OF LABOR FOR APPLICATION OF PAINT. BENJAMIN MOORE SHALL IN NO EVENT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE LIMITATIONS OR EXCLUSIONS CONTAINED IN THE ABOVE WARRANTY MAY NOT APPLY TO YOU. This warranty gives you specific legal rights; you may also have other rights which vary state to state.

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com
Surface Preparation

Surfaces must be clean, dry and free of oil, grease, wax, rust, mildew, chalk and loose or scaling paint. Cement based water proofing paints should be removed. Glossy surfaces must be dulled. Un-weathered areas such as eaves, porch ceilings, overhangs and protected wall areas should be washed with a Benjamin Moore® Clean (N318) and rinsed with a strong stream of water from a garden hose or power washer to remove contaminants that can interfere with proper adhesion. Stains from milkweed must be removed by cleaning with Benjamin Moore® Clean (N318) prior to coating the surface. Caution: Refer to the (N318) Clean technical data and material safety data sheets for instructions on its proper use and handling.

All new masonry surfaces must be power washed or brushed thoroughly with stiff fiber bristles to remove loose particles. New masonry substrates must be allowed to cure for 30 days before priming or painting. 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.

Difficult Substrates: Benjamin Moore offers a number of specialty primers for use on difficult substrates such as bleeding woods, grease stains, crayon markings, hard glossy surfaces, 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.

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Применение

Рекомендуется применять наносить в одну или две мазки. Допускается повторное нанесение в течение 14 дней, предварительно промыв поверхность.

Application

Stir thoroughly before and during use. Apply one or two coats.

Application: 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. Refer to the chart below for application recommendations.

Thinning/Clean up

Conditioning with Ben® 518 Extender may be necessary under certain conditions to adjust open time or spray characteristics.

The chart below is for general guidance

<table>
<thead>
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<th>Mild conditions</th>
<th>Severe Conditions</th>
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Brush: Nylon / Polyester

Roller: Premium Quality

Spray: Airless

Pressure: 1500 - 2500 psi

TIP: 013 - 017

Clean up: Clean up with warm soapy water. 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. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. May cause allergic skin reaction. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

WARNING: Cancer and Reproductive Harm—www.P65warnings.ca.gov

WARNING: This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

KEEP OUT OF REACH OF CHILDREN

PROTECT FROM FREEZING

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

Ferrous Metal (Steel and Iron):

Primer: Ultra Spec® HP Acrylic Metal Primer (HP04) or Super Spec HP® Alkyd Metal Primer (P06)

Finish: 1 or 2 coats ben® Exterior 100% Acrylic Flat Finish (541)

Non-Ferrous Metal (Galvanized & Aluminum):

All new metal surfaces must be thoroughly cleaned with Corotech® Oil & Grease Emulsifier (V600) 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: No primer needed

Finish: 1 or 2 coats ben® Exterior 100% Acrylic Flat Finish (541)

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

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