# ben®
## 100% ACRYLIC EXTERIOR
### LOW LUSTRE FINISH 542

## Features
- Low temperature application down to 40 °F (4.4 °C)
- Resistant to peeling and cracking
- Excellent hide and color retention
- Resists new mildew formation
- Soap and water clean-up
- 25 Year warranty
- Blister resistant

## General Description
A premium quality 100% acrylic latex low lustre 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 40 °F (4.4 °C).
- Not for interior use

## 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

## Product Information

<table>
<thead>
<tr>
<th>Colors — Standard:</th>
<th>Pastel Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>White (01)</td>
<td>100% Acrylic</td>
</tr>
</tbody>
</table>

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## Technical Data

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<table>
<thead>
<tr>
<th>Technical Data</th>
<th>Pastel Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Type</td>
<td>100% Acrylic</td>
</tr>
<tr>
<td>Pigment Type</td>
<td>Titanium Dioxide</td>
</tr>
<tr>
<td>Volume Solids</td>
<td>33.3%</td>
</tr>
<tr>
<td>Coverage per Gallon at Recommended Film Thickness</td>
<td>350 – 475 Sq. Ft.</td>
</tr>
<tr>
<td>Recommended Film Thickness</td>
<td>Wet: 3.8 mils</td>
</tr>
<tr>
<td></td>
<td>Dry: 1.3 mils</td>
</tr>
<tr>
<td>Dry Time @ 77 °F (25 °C) @ 50% RH</td>
<td>Dry To Touch: 1 Hour</td>
</tr>
<tr>
<td></td>
<td>To Recoat: 4 Hours</td>
</tr>
<tr>
<td>Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.</td>
<td></td>
</tr>
<tr>
<td>Dries By</td>
<td>Evaporation, Coalescence</td>
</tr>
<tr>
<td>Viscosity</td>
<td>105 ± 2 KU</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Gloss / Sheen</td>
<td>Low Lustre (10-15 @ 60°)</td>
</tr>
<tr>
<td>Surface Temperature at Application</td>
<td>– Min: 40 °F</td>
</tr>
<tr>
<td></td>
<td>– Max: 100 °F</td>
</tr>
<tr>
<td>Thin With</td>
<td>See Chart</td>
</tr>
<tr>
<td>Clean Up Thinner</td>
<td>Clean Water</td>
</tr>
<tr>
<td>Weight Per Gallon</td>
<td>10.7 lbs</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>– Min: 40 °F</td>
</tr>
<tr>
<td></td>
<td>– Max: 95 °F</td>
</tr>
</tbody>
</table>

## VOC

44.4 Grams / Liter 0.38 Lbs / Gallon

*Reported values are for Pastel Base. Contact Benjamin Moore for values of other bases or colors
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 mildew 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 over 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. 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
New surfaces should be fully primed, and previously painted surfaces should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds.

Newly constructed wood and engineered wood products:
Primer: Fresh Start® High-Hiding All Purpose Primer (046) or Fresh Start® Multi-Purpose Latex Primer (N023)
Finish: 1 or 2 coats ben® Exterior 100% Acrylic Low Lustre Finish (542)

Hardboard Siding, Bare or Factory Primed:
Primer: Fresh Start® High-Hiding All Purpose Primer (046) or Fresh Start® Multi-Purpose Latex Primer (N023)
Finish: 1 or 2 coats ben® Exterior 100% Acrylic Low Lustre Finish (542)

Vinyl Siding & Vinyl Composite:
Note: Do not paint vinyl siding or trim darker than the original color.
Primer: Fresh Start® Multi-Purpose Latex Primer (N023).
Finish: 1 or 2 coats ben® Exterior 100% Acrylic Low Lustre Finish (542)

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 required
Finish: 1 or 2 coats ben® Exterior 100% Acrylic Low Lustre Finish (542)

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

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

Paint 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 Benjamin Moore® 518 Extender may be necessary under certain conditions to adjust open time or spray characteristics. The chart below is for general guidance.

Clean Up: Clean up with warm soapy water. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

Environmental Health & Safety Information

WARNING!
Possible birth defect hazard. Contains - Carbamic acid, 1H-benzimidazol-2-yl, methyl ester and 1-Methyl-2-pyrrolidinone, which may cause birth defects based on animal data.

Use only with adequate ventilation. Do not breathe vapors, spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. 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.

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.

Environmental Health & Safety Information

WARNING! Cancer and Reproductive Harm--
www.P65warnings.ca.gov

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