



HIGH-BUILD EXTERIOR TEXTURE FLAT MEDIUM 437

Features

- High build formula
- Breathable
- Low VOC
- Provides a mildew resistant finish
- Can be applied to surfaces with a pH up to 9
- Quick dry
- Durable finish

Recommended For

Use on exterior vertical masonry substrates in exposures ranging from mild atmospheric to extreme weathering and wind-driven rain. May also be used on stucco, poured masonry and above grade foundations.

General Description

This proprietary acrylic exterior textured aggregate-filled coating has been designed to be applied over properly prepared new or previously painted surfaces in good condition. It is formulated to cover most surfaces and minimize defects and irregularities found on poured cement aggregate block and sheet rock joints. Dries dust and bug free in thirty minutes and provides a durable and protective finish on any properly primed and prepared exterior surface. It provides a mildew resistant finish on the paint film. These coatings are specifically engineered to be applied direct to concrete and masonry surfaces without priming.

Limitations

- NOT FOR USE ON FLOORS OR WALKING SURFACES
- Do not apply when surface or ambient air temperatures are below 40 °F or above 100 °F
- Do not apply if rain is threatening
- Only apply direct to cured concrete with a pH level ≤ 9

Product Information

| | | | | | | | | | | |
|---|--|------------------------------------|------------|--------------|--|-------------|------------|--|-------------|-------------|
| Colors — Standard: White (01) | Technical Data[◇] White | | | | | | | | | |
| — Tint Bases: NA May be tinted with up to 2oz per gallon of Benjamin Moore [®] Gennex [®] colorants | Vehicle Type Proprietary Acrylic | | | | | | | | | |
| — Special Colors: Contact your Benjamin Moore representative. | Pigment Type Titanium Dioxide | | | | | | | | | |
| Certifications & Qualifications: VOC compliant in all regulated areas The products supported by this data sheet contain a maximum of 50 grams per liter VOC (0.41 lbs/gal.) excluding water & exempt solvents. | Volume Solids 44% ± 1.0% Coverage per Gallon at Recommended Film Thickness 115 – 140 Sq. Ft. | | | | | | | | | |
| 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 | <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Recommended Film Thickness</td> <td style="width: 20%; text-align: center;">– Wet</td> <td style="width: 20%; text-align: right;">10 – 12 mils</td> </tr> <tr> <td></td> <td style="text-align: center;">– Dry</td> <td style="text-align: right;">5 – 6 mils</td> </tr> </table> 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. | Recommended Film Thickness | – Wet | 10 – 12 mils | | – Dry | 5 – 6 mils | | | |
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| | <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Dry Time @ 77 °F (25 °C) @ 50% RH</td> <td style="width: 20%; text-align: center;">– To Touch</td> <td style="width: 20%; text-align: right;">30 minutes</td> </tr> <tr> <td></td> <td style="text-align: center;">– To Recoat</td> <td style="text-align: right;">4 hours</td> </tr> <tr> <td></td> <td style="text-align: center;">– Full Cure</td> <td style="text-align: right;">7 – 10 days</td> </tr> </table> High humidity and cool temperatures will result in longer dry, recoat and service times. | Dry Time @ 77 °F (25 °C) @ 50% RH | – To Touch | 30 minutes | | – To Recoat | 4 hours | | – Full Cure | 7 – 10 days |
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| | Dries By Evaporation, Coalescence | | | | | | | | | |
| | Viscosity 125 – 130 KU | | | | | | | | | |
| | Flash Point 200 °F or greater (TT-P-141, Method 4393) | | | | | | | | | |
| | Gloss / Sheen Flat (2 - 4 @ 85°) | | | | | | | | | |
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| | – Max | 100 °F | | | | | | | | |
| | Thin With Clean Water | | | | | | | | | |
| | Clean Up Thinner Warm Soapy Water | | | | | | | | | |
| | Weight Per Gallon 12.5 lbs. | | | | | | | | | |
| | <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Storage Temperature</td> <td style="width: 20%; text-align: center;">– Min.</td> <td style="width: 20%; text-align: right;">40 °F</td> </tr> <tr> <td></td> <td style="text-align: center;">– Max</td> <td style="text-align: right;">90 °F</td> </tr> </table> | Storage Temperature | – Min. | 40 °F | | – Max | 90 °F | | | |
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| | <p style="text-align: center;">Volatile Organic Compounds (VOC)</p> <p style="text-align: center;">47.8 Grams/Liter .39 Lbs./Gallon</p> | | | | | | | | | |

[◇] Reported values are for White.

High-Build Exterior Texture Flat - Medium (437)

Surface Preparation

New, Uncoated Surfaces: Must be free of dirt, dust, oil, grease, wax, form release, curing compounds or other debris that may affect penetration and adhesion. Remove efflorescence, laitance, chalk and other contaminants utilizing industry accepted standards. Surface projections, mortar spatter and other protrusions should be removed by grinding or scraping. Mortar joints should be raked. Large "bug holes" or gravel pocks should be filled with mortar or cementitious patching materials and allowed to cure before continuing. Damp masonry surfaces may be coated; however, no visible signs of water should be present on the surface.

Previously Coated Surfaces: Must be dry and free of dirt, dust, chalk and other contaminants which may interfere with adhesion. Remove these by pressure washing with adequate pressure and water movement to ensure complete removal of contaminants. Loose or failing previous coating should be removed back to the point of sound adhesion. **Existing coatings should be checked for compatibility.** 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. **Grease and oil** should be cleaned by using an oil & grease emulsifier. Rust must be removed by blasting, hand sanding vigorously or by conscientious power tool cleaning. Remove loose paint by scraping. Feather sand rough edges to insure a smooth finish coat. Glossy surfaces must be dulled by lightly sanding. Remove sanding dust before paint application. Any exposed substrate should be spot primed with the appropriate primer.

MASONRY MUST BE ALLOWED A MINIMUM OF 30 DAYS TO CURE (OR HAVE A PH LEVEL OF LESS THAN 9) AND BE FREE OF ANY EFFLORESCENCE.

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

For best hiding results use Fresh Start® High-Hiding All Purpose Primer (046) tinted to the approximate finish coat color.

Masonry; Rough or Pitted:

Primer: Self-priming. For surfaces with a pH higher than 9, use Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608) or Ultra Spec® Masonry Int/Ext Acrylic High Build Masonry Primer (609)
Finish: 1 or 2 coats of Benjamin Moore® High-Build Exterior Texture Flat - Medium (437)

Masonry; Smooth Poured or Pre-cast Concrete:

Primer: Self-priming. For surfaces with a pH higher than 9, Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608) or Ultra Spec® Masonry Int/Ext Acrylic High Build Masonry Primer (609)
Finish: 1 or 2 coats of Benjamin Moore® High-Build Exterior Texture Flat - Medium (437)

Application

Cracks, voids, transitions, changes of angle and junctions or dissimilar materials should be cleaned, primed with acrylic masonry sealer and then patched with a patching compound or a high quality acrylic urethane sealer and these materials should be allowed to completely dry. Failing mortar joints should be replaced and tuck-pointed with new mortar. Large "bug holes" or gravel pocks should be filled with mortar or cementitious patching materials and allowed to cure before continuing. Stir product thoroughly prior to use. Apply product by spray or roller (for smaller areas) to be determined by job conditions, size and applicator preference.

Airless Spray: Spraying is best accomplished by using a pump capable of spraying textured materials, such as the Graco GM5000 or Graco TexSpray 1030, and a 0.025 - 0.039 tip size. Pressure 900-1200 psi at a flow rate 3 gal/minute. **NOTE: Textures finishes may experience packing in commercially available airless tips. If this occurs, apply by hopper type gun and roller.**

Roller: Apply in 2 cross hatch coats (perpendicular to one another), utilizing a 3/4" to 1 1/2" nap synthetic cover. Apply 10 to 12 mils wet per coat. Follow drying schedule above before applying second coat.

Do not apply when surface or air temperatures are below 40 °F or above 100 °F for best results. Do not apply to hot surfaces or in direct sunlight. Do not apply if rain is threatening.

Clean Up

Use soap and water. Spray equipment after being cleaned with soap and water should be given a final rinse with mineral spirits to prevent corrosion or follow state/local guidelines on solvent use.

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

WARNING!

Cancer Hazard. Contains Crystalline Silica that can cause cancer when in respirable form (spray mist or sanding dust).

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. 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

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.**