



ULTRA SPEC[®] MASONRY ELASTOMERIC WATERPROOFING COATING - FLAT K359

Features

- 200% Elongation
- Bridges cracks up to 0.8 mm
- Breathable finish allows interior moisture to escape w/o damage to the film
- Provides a waterproof finish that protects structures from moisture damage
- Mildew Resistant
- Flat Finish helps hide minor surface imperfections

Recommended For

For use on exterior uncoated or new masonry and previously painted surfaces such as smooth stucco, concrete/cinder block, fibre cement siding, pre-cast concrete, poured in place concrete, and tilt-up construction.

General Description

A high-build, flexible 100% acrylic coating. When applied as directed, up to 20 mils wet film thickness, this product bridges minor surface imperfections, provides outstanding durability, and offers long lasting protection.

Limitations

- Do not apply when air and surface temperatures are below 10°C (50°F) or over 35°C (95°F)
- Do not apply if rain or threatening weather is expected within 24 hours

Product Information

<p>Colours — Standard: White (01)</p> <p>(May be tinted with up to 60 ml of Benjamin Moore[®] Gennex[®] colorants per 3.79 L).</p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data[◇]</th> <th>White</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td></td> <td>100% Acrylic Latex</td> </tr> <tr> <td>Pigment Type</td> <td></td> <td>Titanium dioxide</td> </tr> <tr> <td>Volume Solids</td> <td></td> <td>38.6%</td> </tr> <tr> <td>Coverage per 3.79 L at</td> <td></td> <td>7.4-9.3 sq. m.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td></td> <td>(80 – 100 Sq. Ft.)</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>20 mils @ 7.4 sq. m.</td> </tr> <tr> <td></td> <td>– Dry</td> <td>7.7 mils @ 7.4 sq. m.</td> </tr> <tr> <td colspan="3">Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.</td> </tr> <tr> <td>Dry Time @ 25 °C (77 ° F) @ 50% RH</td> <td>– To Touch</td> <td>2 Hours</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>12 Hours</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry, recoat and service times. Because of its high film build, this product will remain sensitive to rain or condensation longer than conventional coatings. Make sure to leave ample drying time between application of the coating and exposure to moisture.</td> </tr> <tr> <td>Dries By</td> <td></td> <td>Evaporation, Coalescence</td> </tr> <tr> <td>Viscosity</td> <td></td> <td>117 ± 3 KU</td> </tr> <tr> <td>Flash Point</td> <td></td> <td>None</td> </tr> <tr> <td>Gloss / Sheen</td> <td></td> <td>Flat (0 – 5 @ 85°)</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>10 °C (50 °F)</td> </tr> <tr> <td></td> <td>– Max.</td> <td>35 °C (95 °F)</td> </tr> <tr> <td>Thin With</td> <td></td> <td>Not Required</td> </tr> <tr> <td>Clean Up Thinner</td> <td></td> <td>Clean Water</td> </tr> <tr> <td>Weight Per 3.79 L</td> <td></td> <td>4.9 kg (10.8 lbs)</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>4 °C (40 °F)</td> </tr> <tr> <td></td> <td>– Max.</td> <td>32 °C (90 °F)</td> </tr> <tr> <td colspan="3" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="3" style="text-align: center;">93 Grams/Litre</td> </tr> </tbody> </table>	Technical Data [◇]		White	Vehicle Type		100% Acrylic Latex	Pigment Type		Titanium dioxide	Volume Solids		38.6%	Coverage per 3.79 L at		7.4-9.3 sq. m.	Recommended Film Thickness		(80 – 100 Sq. Ft.)	Recommended Film Thickness	– Wet	20 mils @ 7.4 sq. m.		– Dry	7.7 mils @ 7.4 sq. m.	Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.			Dry Time @ 25 °C (77 ° F) @ 50% RH	– To Touch	2 Hours		– To Recoat	12 Hours	High humidity and cool temperatures will result in longer dry, recoat and service times. Because of its high film build, this product will remain sensitive to rain or condensation longer than conventional coatings. Make sure to leave ample drying time between application of the coating and exposure to moisture.			Dries By		Evaporation, Coalescence	Viscosity		117 ± 3 KU	Flash Point		None	Gloss / Sheen		Flat (0 – 5 @ 85°)	Surface Temperature at Application	– Min.	10 °C (50 °F)		– Max.	35 °C (95 °F)	Thin With		Not Required	Clean Up Thinner		Clean Water	Weight Per 3.79 L		4.9 kg (10.8 lbs)	Storage Temperature	– Min.	4 °C (40 °F)		– Max.	32 °C (90 °F)	Volatile Organic Compounds (VOC)			93 Grams/Litre		
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<p>Certifications & Qualifications:</p> <p>VOC compliant in all regulated areas</p> <p>The following results are based on independent, third-party laboratory testing:</p> <ul style="list-style-type: none"> • ASTM D3273/D3274: Mildew resistance: No Growth • ASTM D2370: 200% Elongation, Tensile Strength 520 psi, Recovery 95% @ 4 hrs, 97% @ 24 hrs • D6904 (TT C 555B) Wind Driven Rain: Passed <ul style="list-style-type: none"> ○ 2 coats (20 mils WFT per coat) over CMU • ASTM D1653: 32 Perms 																																																																												
<p>Technical Assistance: 1-800-361-5898, info@benjaminmoore.ca, www.benjaminmoore.ca</p>																																																																												

[◇] Reported values are for White, Contact Benjamin Moore for values of other bases or colour.

Surface Preparation

Surface must be clean and sound, free of chalk, loose masonry, peeling paint, form oils, mildew, and bleeding stains. Glossy areas should be dulled. Un-weathered areas must be power washed or scrubbed with a detergent solution and rinsed to remove surface salts that can interfere with adhesion.

Surfaces with multiple coats of paint that are in an advanced state of deterioration or prior applications of cement-based coatings must be removed to a sound substrate.

For optimal system performance new masonry should cure 30 days prior to application of the sealer / coating system and have a pH of 10 or less.

Ultra Spec® Masonry Elastomeric Coating will bridge cracks up to 0.8 mm. Cracks between 0.8 and 1.6 mm in width should be filled with caulk and over coated with a brush or knife grade elastomeric patch to provide the required joint movement. Cracks larger than 1.6 mm should be routed out to 6.4 by 6.4 mm and repaired as directed with the caulk and patch products prior to finishing.

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. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html> .

Primer/Finish Systems

Rough or Pitted Masonry and Concrete Block:

Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (K571) **Finish:** A minimum of 2 coats of Ultra Spec® Masonry Elastomeric Coating.

Smooth Poured or Pre-cast Concrete, Fibre Cement Siding and Stucco:

Primer: Fresh Start® Multi-Purpose Latex Primer (F023)
Finish: 1 or 2 coats of Ultra Spec® Masonry Elastomeric Coating.

Wood and engineered wood products:

Primer: Fresh Start® Multi-Purpose Latex Primer (F023) or Fresh Start® High-Hiding All Purpose Primer (K046).
Finish: 1 or 2 coats of Ultra Spec® Masonry Elastomeric Coating.

Bleeding Type Woods, (Redwood and Cedar):

Primer: Fresh Start® Exterior Wood Primer (K094); for light tannin bleed situations 1 or 2 coats of Fresh Start® High-Hiding All Purpose Primer (K046) may be used
Finish: 1 or 2 coats of Ultra Spec® Masonry Elastomeric Coating.

Ferrous Metal (Steel and Iron):

Primer: Ultra Spec® HP Acrylic Metal Primer (FP04) or Super Spec HP® Alkyd Metal Primer (KP06).
Finish: 1 or 2 coats of Ultra Spec® Masonry Elastomeric Coating.

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: Ultra Spec® HP Acrylic Metal Primer (FP04)
Finish: 1 or 2 coats of Super Spec® Masonry Elastomeric Coating.

Achieving a waterproof system requires that the finished coating system fill all the voids in the masonry creating a pinhole free surface and that all transitions between building materials are properly sealed to prevent moisture intrusion. Because building materials and construction design factors vary widely it may be necessary to adjust the spread rate, number of coats or application methods to achieve a waterproof system on your project

Application

Apply by brush, roll, power roller or spray and back roll, working the material into the surface to fill all cracks and voids. Strike off roller applications in a downward direction to ensure a uniformly stippled finish. Apply one or two coats as required to properly encapsulate the substrate. Monitor spread rate or check wet film thickness repeatedly during application to ensure proper wet and dry film thicknesses are achieved.

Because it is applied in very heavy coats, Ultra Spec® Masonry Elastomeric Waterproof Coating will remain sensitive to rain and moisture condensation longer than conventional coatings. Make sure to leave ample drying time between application of the coating and exposure to moisture.

Spray, Airless: Fluid Pressure — 2,500 to 3,000 PSI;
Tip — .021 - .031 Orifice; Filter — None.

Thinning/Clean Up

Thinning is unnecessary, but if required to obtain desired application properties, a small amount of clean water may be added. Never add other paints or solvents. Wash painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting if compliant with local requirements.

Environmental Health & Safety Information

Use only in a well ventilated area. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling.

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

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