



MOORLASTIC[®]

ELASTOMERIC PATCHING COMPOUND

SMOOTH KNIFE GRADE 053

Features

- Can be used on a wide variety of surfaces
- Passes ASTM D412-80 Elongation/Tensile strength at 77°F (25°C) 250 PSI/600
- Provides a non-penetrable seal against wind driven rain
- Contains an active ingredient to inhibit the growth of mildew on the surface of the patching compound

Recommended For

Formulated for patching and sealing joints between masonry, stucco, brick, glass, wood, and wallboard. May also be used on non-ferrous and primed ferrous metals. Especially formulated for use under all Benjamin Moore[®] architectural primers and finish coats.

General Description

Moorlastic[®] Smooth Knife Grade Elastomeric Patch is ideal for repairing larger cracks (1/16" to 1/4") on masonry and stucco surfaces. It is specially formulated for patching and sealing joints between masonry, stucco, brick, glass, wood and wallboard. It may also be used on non-ferrous and primed ferrous metals. The formula provides a non-penetrable seal against wind driven rain.

Limitations

- Do not apply when air and surface temperatures are below 50 °F (10 °C) in a 24 hour period.
- This product is not for use below grade or under water

Product Information

Colors — Standard:	Technical Data	White				
White (01)	Vehicle Type	Modified Acrylic Resin				
May be tinted with up to 2.0 fl. oz. of Color Preview [®] colorants per gallon	Pigment Type	Titanium Dioxide				
	Volume Solids	70%				
— Tint Bases:	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.					
Not available	Dry Time @ 77 °F (25 °C) @ 50% RH	<table border="1"> <tr> <td>– To Touch</td> <td>4 Hours</td> </tr> <tr> <td>– To Recoat</td> <td>24 Hours</td> </tr> </table>	– To Touch	4 Hours	– To Recoat	24 Hours
– To Touch	4 Hours					
– To Recoat	24 Hours					
— Special Colors:	High humidity and cool temperatures will result in longer dry, recoat and service times.					
Contact your Benjamin Moore representative.	Dries By	Evaporation, Coalescent				
	Flash Point	None				
Certifications & Qualifications:	Surface Temperature at Application	<table border="1"> <tr> <td>– Min.</td> <td>50 °F</td> </tr> <tr> <td>– Max</td> <td>90 °F</td> </tr> </table>	– Min.	50 °F	– Max	90 °F
– Min.	50 °F					
– Max	90 °F					
VOC compliant in all regulated areas	Thin With	Do Not Thin				
Anti-microbial - This product contains antimicrobial additives that inhibit the growth of mold and mildew on the surface of the patching compound	Clean Up Thinner	Clean Water				
	Weight Per Gallon	13 lbs				
Technical Assistance	Storage Temperature	<table border="1"> <tr> <td>– Min.</td> <td>40 °F</td> </tr> <tr> <td>– Max</td> <td>90 °F</td> </tr> </table>	– Min.	40 °F	– Max	90 °F
– Min.	40 °F					
– Max	90 °F					
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	Volatile Organic Compounds (VOC)					
	63 Grams/Liter	0.53 Lbs./Gallon				

Moorlastic® Elastomeric Patching Compound Smooth Knife Grade 053

Surface Preparation

Surface must be firm and free of dirt, oil, grease, efflorescence, mildew and loose material. Dirt, loose contaminants and chalk are best removed by high pressure chemical and water blasting. To remove mildew, scrub with a solution of TSP, chlorine bleach and warm water. Rinse thoroughly and allow to dry. Wood and engineered wood products should be primed with Fresh Start® High-Hiding All Purpose Primer (046) or Fresh Start® Multi-Purpose Latex Primer (N023). Bleeding Type Woods, (Redwood and Cedar) should be primed with Fresh Start® Exterior Wood Primer (094)

Allow new concrete to cure for 30 days before application of patching compound. After 30 days, test for alkali presence. Do not apply if pH is above 10. Unsound masonry must be wire brushed or blasted to a firm surface. Any chalk or porous coating not removed by pressure washing must first be sealed with Ultra Spec® Masonry Acrylic Masonry Sealer, according to label directions. For expansion joints, control joints, horizontal masonry joints and windows use a Urethane Acrylic Sealant. Do not apply a silicone-based sealant.

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

Application

Small Cracks: It is not necessary to cut out a crack measuring 1/64" to 1/32". Simply fill the crack using a wet putty knife or trowel. Make sure the patching compound is applied generously over the center of the crack at a wet film thickness of 1/16". Then feather the material to either side of the crack down to zero over a 2" area.

Large Cracks: All voids and joints which exceed 1/32" should be routed out to 1/4" wide by 1/4" deep. Joint should be flushed out with water and checked to see that surface is sound and free of grinding dust

Step 1: Fill the joint allowing for a small crest to remain. This will compensate for any shrinkage that might occur.

Step 2: After a minimum of 4 hours cure time, a feather cap of the patching compound should be applied at a wet film thickness of 1/16". This should be placed over the center of the filled joint and feathered down to zero over a 2" area. This gradual reduction in thickness helps conceal the patch and allows the elongation characteristics of the patching compound to work effectively.

Application should be when temperature of air and surface is 50°F (10°C) or above in a 24 hour period. If rain or threatening weather is expected within 8 hours, delay application until dry conditions exist. Do not apply when the relative humidity is above 90%. Knife Grade Patching Compound should be topcoated with a Benjamin Moore® latex product. For best results as a total waterproofing system, topcoat with an Ultra Spec® Masonry Elastomeric Waterproof Coating.

Thinning/Cleanup

Do not thin.

Wash all equipment with warm detergent solution and rinse thoroughly with clean water

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

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

HARMFUL IF SWALLOWED. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT.

Exposure to dust may cause build-up of material in eyes, ears, nose, throat and mouth. Prolonged inhalation of excessive amounts of dust may have adverse pulmonary and respiratory effects. When dry sanding, dust may cause irritation to eyes, nose throat or respiratory system.

Use only with adequate ventilation. Provide fresh air ventilation during and after application. Close container after each use. Avoid exposure to dust by wearing an appropriate NIOSH approved particulate respirator. Avoid contact with eyes and skin. Wear appropriate gloves to prevent skin contact. Wear goggle or protective glasses with side shields. Wash thoroughly after handling.

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes. In case of skin contact, immediately flush with soap and plenty of water. If symptoms persist, seek medical attention. If inhaled, remove to fresh air. If swallowed do not induce vomiting. Get medical attention immediately.



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

IN CASE OF SPILL – Scrape up spilled or excess material. Place collected material, disposable application tools and other clean up materials in a closed container for disposal. Dispose as specified under "CleanUp".

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

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