



MOORLASTIC®

ELASTOMERIC PATCHING COMPOUND

SMOOTH KNIFE GRADE 053

Features

- Part of a waterproofing system when used with Moorlastic® Acrylic Elastomeric Waterproof Coatings (055, 056)
- Can be used on a wide variety of surfaces
- Provides a non-penetrable seal against wind driven rain
- Passes ASTM D412-80 Elongation/Tensile strength at 77°F (25°C) 250 PSI/600%
- Contains an active ingredient to inhibit the growth of mildew on the surface of the patching compound

Recommended For

Formulated to bridge hairline cracks in masonry, stucco, brick, mobile home roof seams, wood, and wallboard where a textured finish is desired. Especially formulated for use under all Benjamin Moore® architectural primers and finish coats.

General Description

Benjamin Moore® Moorlastic® Smooth Knife Grade Elastomeric Patch is a superior quality product for repairing larger cracks (1/16" to 1/4") on exterior masonry and stucco surfaces. It 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:

White (053-01)

— Tint Bases:

Not available

— Special Colors:

Contact your Benjamin Moore representative.

Certification

VOC compliant in all regulated areas

Technical Assistance:

Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com, or consult your local Yellow Pages.

Technical Data

White

Vehicle Type Modified Acrylic Resin

Pigment Type Titanium Dioxide

Volume Solids 70%

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 — To Touch 4 Hours

(25°C) @ 50% RH — To Recoat 24 Hours

High humidity and cool temperatures will result in longer dry, recoat and service times.

Dries By Evaporation, Coalescent

Flash Point None

Surface Temperature — Min. 40°F
at Application — Max 90°F

Thin With Do Not Thin

Clean Up Thinner Detergent/Clean Water

Weight Per Gallon 13.0 lbs

Storage Temperature — Min. 40°F
— Max 90°F

Volatile Organic Compounds (VOC)

63 Grams/Liter .53 Lbs./Gallon

Surface Preparation

All surfaces 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.

Mildew: Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (318) prior to coating the surface. **Caution:** Refer to the (318) Clean technical data and material safety data sheets for instructions on its proper use and handling..

Bare wood surfaces must first be primed with Fresh Start® All Purpose 100% Acrylic Primer (N023) or Fresh Start® Moorwhite® Penetrating Alkyd Primer (100).

Allow "new" concrete to cure for 30 days before any application of Moorlastic® Textured Knife Grade Elastomeric Patch. After 30 days, test for alkali presence. Do not apply Moorlastic® Textured Brush Grade Elastomeric Patch 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 Super Spec® Masonry Alkyd Masonry Sealer (C077). Follow label directions.

For expansion joints, control joints, horizontal masonry joints and windows use Moorlastic® Lifetime Urethane Acrylic Sealant (465).

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 that the Moorlastic® Smooth Knife Grade Elastomeric Patch 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. If dust is still evident after flushing, joint is sound, the use of a bond breaker tape is recommended. Prime with Super Spec® Masonry Acrylic Masonry Sealer or Alkyd Masonry Sealer (C077).

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

Stage 2: After a minimum of 4 hours cure time, a feather cap of Moorlastic® Smooth Knife Grade Elastomeric Patch 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 elongational characteristics of the Moorlastic® Smooth Knife Grade Elastomeric Patch to work effectively.

If rain or threatening weather is expected within 8 hours, delay application until dry conditions exists.

Do not apply Moorlastic® Smooth Knife Grade Elastomeric Patch when the relative humidity is above 90%.

Moorlastic® Smooth Knife Grade Elastomeric Patch should be top coated with any of Benjamin Moore® exterior latex products. For best results as a total waterproofing system, topcoat with Super Spec® Masonry Acrylic Elastomeric Waterproof Coatings, available in Flat (056) and Low Lustre (055) finishes.

Thinning/Cleanup

Do not thin.

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

USE COMPLETELY OR DISPOSE OF PROPERLY. **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).

Use only with adequate ventilation. Do not breathe vapors 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 vapors 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: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID: In case of eye contact, flush with water for 15 minutes; for skin, wash with soap and water. 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 "Thinning/CleanUp".

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

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