

MIMIC TR

**Brush applied,
polymer modified,
cementitious repair mortar
for thin repairs
to natural and cast stone.**

WHERE TO USE
**Thin, protective repairs
to brownstone, sandstone,
limestone, cast stone,
terracotta and concrete.**

PERFORMANCE CHARACTERISTICS

Low shrinkage

- Maintains integrity of repair, resists cracking.

Thermal compatibility

- Prevents delamination due to temperature change.

Durable

- Resistant to weathering action, excellent freeze/thaw stability and abrasion resistance.

Very low permeability

- Resistant to deicing salts, chloride, and chemical attack, and environmental pollution.

Breathability

- Will not cause damage to structure by restricting moisture vapor flow.

Complete kit

- Pre-measured, two component system in one container.

Extensive color spectrum

- Available in 19 standard colors and factory color matching.

SURFACE PREPARATION

- Remove loose and deteriorated material, laitance, dirt, dust, oil and any surface contaminants that will inhibit proper bond.
- Apply *Conpro Start* where a consolidant is of benefit.
- Pre-treat static cracks and voids with *MIMIC TR*.
- Saturate substrate with clean water, (saturated surface dry/SSD).
- Mechanically prepare surface to be open-pored and textured (CSP 3). Refer to ICRI Surface Preparation Guide 03732 for information about surface preparation.

PRIMING

- No priming is required under normal circumstances.

MIXING

- Mechanically mix using a low speed drill (400 - 600 rpm) and mixing paddle.
- Thoroughly shake *MIMIC TR* admix to disperse the pigment.
- Pour all of the *MIMIC TR* admix into a clean mixing vessel and slowly add all of the powder.
- Mix continuously for 3 minutes to a uniform, lump-free consistency.
- Allow to "breathe" for 1 minute and remix for 1 minute. This will improve workability and open time.
- Do not over mix, as this will entrain excess air.
- Do not re-temper.

APPLICATION

- At the time of application, surfaces should be saturated surface dry (SSD) but hold no standing water.
- Apply material with a stiff bristle brush or sponge float.
- Work material into substrate to promote proper adhesion.
- Coat individual stones (not continuous over mortar joints) a maximum thickness of 1/16 inch.
- Finish with a sponge float or trowel.
- Do not overwork the finish.

CURING

- Protect repair from direct sunlight, wind, rain, condensation and frost during curing period.

CLEAN UP

- Clean tools and equipment with water immediately after use. Cured material must be removed mechanically.

MIMIC TR

COVERAGE/YIELD

- **10 lb. kit** – 20 ft.² @ 1/16 inch.
- **25 lb. kit** – 50 ft.² @ 1/16 inch.

PRODUCT HANDLING

Packaging

- 10 lb. kit contains 10 lbs. of powder and 3.36 lbs. of admix in plastic pail.
- 25 lb. kit contains 25 lbs. of powder and 6.25 lbs. of admix in plastic pail.

Shelf Life

- 18 months when properly stored.

Storage

- Transport and store in cool, clean, dry conditions in unopened containers.
- High temperature or high humidity will reduce shelf life.
- Protect Admix from freezing.

LIMITATIONS

- Do not apply unless substrate and ambient temperature can be maintained at a minimum of 45°F for 24 hours. Refer to ACI Cold Weather Application Guidelines.
- Protect application from precipitation, condensation and high wind for at least 24 hours.
- Do not re-temper, polymer modified materials.
- Avoid overworking material during placement.
- Do not apply curing compounds.
- Do not allow polyethylene or burlene to touch surface while curing as this will cause whitening of the material.

HEALTH AND SAFETY

- Product is alkaline.
- Do not ingest.
- Avoid breathing dust.
- Avoid contact with skin and eyes.
- Refer to Material Safety Data Sheet (MSDS) for additional information.

FIRST AID

- In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional. For respiratory problems, remove person to fresh air.

DISPOSAL

- Dispose of material in accordance with local, state or federal regulations.

TECHNICAL DATA

Physical state and appearance		Dry, pigmented powder and liquid		
Base				
Powder		Portland cement		
Liquid admix		Acrylic polymer		
pH	Wet mix	>12		
Liquid/dry material ratio		0.33		
Dry bulk density	ASTM C188	93 lbs./ft. ³		
Density	Hardened	118 lbs./ft. ³		
Setting time @ 1/8 inch thickness	ASTM C953	Initial 15 minutes – Final 30 minutes		
Durometer hardness	ASTM D2240	70		
Water vapor transmission	ASTM E96	5.1 perms		
Accelerated weathering	ASTM G154	2000 hours – excellent – no effect		
		7 Days	14 Days	28 Days
Compressive strength – psi	ASTM C109	4000	5100	6200
Tensile strength – psi	ASTM C307	200	250	350

FOR PROFESSIONAL USE ONLY

Conproco Corp. warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current technical data sheet if used as directed within shelf life. User determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. November 2008.

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