

CT-40

FEATURES

- Heavy Duty – Over 4500 PSI
- Corrosion Inhibitor Included
- Portland Cement Based
- One Component – Just Add Water
- Shrinkage-Compensated
- Polymer Modified
- Custom Colors Available - See Tintcrete Patch

WHERE TO USE

- Featheredge to over 2" thick
- Patch Concrete and Mortar
- Resurface Concrete
- Interior or Exterior Surfaces
- Horizontal, Vertical or Overhead
- Warehouse Floors, Bridges
- Beams, Columns or Balconies
- Full Depth Repairs when Extended

**CT-40
DRY LATEX MORTAR**

CT-40 Dry Latex Mortar is a 1 component, polymer modified, high performance concrete repair and resurfacing mortar. **CT-40 Dry Latex Mortar** is simply mixed with water and applied from featheredge to over 2" thick in one application. Apply horizontal, vertical or overhead. Product sets in 20 to 45 minutes and ready for light traffic in 3 to 4 hours at 70 degrees Fahrenheit.

Product Description

CT-40 Dry Latex Mortar is a special blend of cements, aggregates and exclusive modifiers. Designed for general purpose and high performance concrete repair or resurfacing applications.

CT-40 Packaging and Yield

50 lb. Heavy-duty polyethylene bag: .42 cubic feet

For Best Results

Apply to a clean, dry sound substrate above 40° F
 Rub or scratch part of the mixed material onto surface just prior to application. Do not allow rub or scratch coat to dry before application. Check moisture content (mat test) prior to applying any waterproof topping. Do not retemper already mixed material.

Technical Data

Compressive strength	28 day	Exceeds 4500 psi	ASTM C 42
Compressive strength	7 day	Exceeds 3000 psi	ASTM C 42
Compressive strength	1 day	Exceeds 2500 psi	ATSM C 42
Flexural strength	28 day	Exceeds 800 psi	ASTM C 78
Freeze / Thaw Durability:		Excellent	ASTM C 666
Bond Strength		Exceeds 150 psi	ACI 503 R
Drying Shrinkage	28 day	-0.009%	ASTM C 596-01
Coeff of Thermal Expansion		4.11 x 10 ⁻⁶	ASTM C 531-05
Modulus of Elasticity		1.54 x 10 ⁶	ASTM C 469-02
Color:		Concrete Gray	
Working Time:		15-30 Minutes	

Reasonable variations for the above data can be expected depending on field conditions, surface preparation, curing, contractor expertise and evaluation and/or handling of test cylinders. Contact JE Tomes for additional details

LIMITED WARRANTY

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Surface Preparation

Surface preparation is critical to achieve long lasting results. Existing concrete surface shall be clean, sound, and free of oil, grease, laitance, curing compounds, or any other foreign substance. Areas treated with product must be free of dust and any foreign matter prior to topping application. On highly porous substrates, contact the manufacturer for recommended application procedures.

Mixing Guidelines

Approximately 3-4 quarts of water is required to mix 50 lb of product for patching applications. Slowly mix material into 3 quarts of water and adjust water to desired consistency. Do not exceed 4 quarts of water. For applications 1.5" to 2" or more, extend product up to 40% with clean and dry 3/8" pea gravel.

Application

Trowel apply. Rub or scratch part of the mixed material onto surface just prior to application.

Curing

Rapid drying of cement-based products may cause cracking or de-bonding. Avoid applications in high winds, excessive heat or blowing air directly on freshly place product. If you are placing concrete in these conditions, damp cure for 1-3 days. Curing compounds, wet burlap or polyethylene will reduce rapid drying but may cause color change or mar product surface. Allow 3-4 hours for light traffic on horizontal repairs. Contact JE Tomes if you have any questions or concerns with your application.



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