



# TintCrete™ Patch

## Color tinted polymer modified repair mortar with corrosion inhibitor

### Repair Thickness

Featheredge to 1½"

### Set Time

20 minutes

### Application Technique

Trowel

### Where to Use

- Featheredge to over 1½" thick
- Patch concrete and mortar
- Resurface concrete
- Interior or exterior surfaces
- Horizontal, vertical, overhead
- Warehouse floors, bridges
- Beams, columns or balconies
- Full depth repairs when extended

### Features

- Heavy duty—Over 4500 psi
- Corrosion inhibitor included
- Portland cement based
- One component—Just add water
- Shrinkage compensated
- Polymer modified
- 12 standard colors, custom matching available

### Packaging and Yield

50 lb heavy duty polyethylene bag or pail      0.43 cu ft

### Product Description

**TintCrete Patch** is a 1 component, polymer modified, high performance concrete repair and resurfacing mortar. **TintCrete Patch** is simply mixed with water and applied from featheredge to 1½" thick in one application. Apply horizontal, vertical or overhead. Product sets in 20 to 45 minutes and is ready for light traffic in 3 to 4 hours at 70° F.

**TintCrete Patch** is a special blend of cements, aggregates and exclusive modifiers. Designed for general purpose and high performance concrete repair or resurfacing applications.

### 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.**

### 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 to 4 qt of water is required to mix 50 lb of product for patching applications. Slowly mix material into 3 qt of water and adjust water to desired consistency. **Inconsistent water/cement ration will affect color.** Do not exceed 4 qt of water. For applications 1½" to 2" or more, extend product up to 40% with clean and dry ⅜" pea gravel. For repairs over 2" thick, try TintCrete Concrete.

### Application

Trowel apply. Apply material within 15 to 20 minutes of mixing. 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 to 3 days. Curing compounds, wet burlap or polyethylene will reduce rapid drying but may cause color change or mar product surface. Allow 3 to 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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## Technical Data

<b>Compressive strength, 28 day</b>	Exceeds 4500 psi	ASTM C42
<b>Compressive strength, 7 day</b>	Exceeds 3000 psi	ASTM C42
<b>Compressive strength, 1 day</b>	Exceeds 2500 psi	ASTM C42
<b>Flexural strength, 28 day</b>	Exceeds 800 psi	ASTM C78
<b>Freeze/thaw durability</b>	Excellent	ASTM C666
<b>Bond strength</b>	Exceeds 150 psi	ACI 503 R
<b>Drying shrinkage, 28 day</b>	-0.009%	ASTM 596-01
<b>Coefficient of thermal expansion</b>	$4.11 \times 10^{-6}$	ASTM 531-05
<b>Modulus of elasticity</b>	$1.54 \times 10^6$	ASTM 469-02
<b>Working time</b>	15 to 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

JE Tomes & Associates, Inc. warrants its products to be free from manufacturing defects and will deliver, at no charge, an equal amount of packaged product as that amount proven to be defective when applied in accordance with manufacturer's written directions by contractors experienced in this application, and used in applications recommended by the manufacturer as suitable for the product. All claims concerning product defects must be made within twelve (12) months of use of the product. THERE ARE NO OTHER WARRANTIES BY JE TOMES & ASSOCIATES, INC. OF ANY NATURE WHATSOEVER, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IN CONNECTION WITH PRODUCTS WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. Buyer's sole and exclusive remedy for breach of any warranty shall be replacement of defective product. JE Tomes & Associates, Inc. shall not be liable for any damages, including consequential damages, except as otherwise set forth therein.