

Duracrete II FT



Duracrete II FT is a single component, very rapid-setting, low shrinkage concrete repair mortar for use on horizontal surfaces from ½" up to full depth when extended with 3/8" pea-gravel. The FT Series of products from Kaufman represents the most sophisticated chemistry available to prevent damage to the repair mortar brought on by freeze-thaw cycling and exposure to deicing salts. Formulated specifically for long-lasting repairs, the unique chemistry in Duracrete II FT blocks water and contaminants from entering the pores. Easy to mix and apply, Duracrete II FT is the professional choice for applications where downtime must be kept to a minimum, such as roadways, bridges, and industrial maintenance.

ADVANTAGES

- Ⓞ Abrasion Resistant
- Ⓞ Freeze-Thaw Resistance
- Ⓞ High Compressive Strength
- Ⓞ LEED Credits
- Ⓞ Very Rapid-Setting
- Ⓞ Contains an Integral Corrosion Inhibiting Agent
- Ⓞ Low In-Place Cost
- Ⓞ ½" to Full Depth
- Ⓞ Resistant to Deicing Chemicals
- Ⓞ Takes Foot Traffic in 1 Hour & Vehicles in 2 Hours
- Ⓞ Produces a smooth, durable, and attractive finish
- Ⓞ Meets ASTM C-928
- Ⓞ DOT Approved
- Ⓞ AASHTO T-260
- Ⓞ May be Extended with 3/8" Pea Gravel

USES

- Ⓞ Parking Decks
- Ⓞ Bridge Deck Repairs
- Ⓞ Roadway Repairs
- Ⓞ DOT Approved
- Ⓞ Precast & Pre-Stressed Concrete Repairs
- Ⓞ Interior & Exterior
- Ⓞ Horizontal Repairs
- Ⓞ Loading Docks
- Ⓞ Airport Runways
- Ⓞ Industrial Floors
- Ⓞ Tunnel Repairs

COMPLIANCES

- Ⓞ ASTM C-928 (R3)

PACKAGING

- Ⓞ 50 lb. bags (.45 ft³)
- Ⓞ 50 lb. pails (.45 ft³)

TEST METHODS

TEST RESULTS

<i>Initial Set Time</i> (ASTM C-191)	10-12 Minutes
<i>Final Set Time</i> (ASTM C-191)	18-22 Minutes
<i>Bond Strength</i> (ASTM C-882)	
1 Day	2,300 psi.
7 Day	3,000 psi.
<i>Compressive Strength</i> (ASTM C-109)	
2 Hours	3,500 psi.
1 Day	4,500 psi.
7 Days	7,700 psi.
28 Days	8,500 psi.
<i>Length Change-Wet</i> (ASTM C-157)	+0.04 @ 28 Days
<i>Length Change-Dry</i> (ASTM C-157)	-0.07 @ 28 Days
<i>Freeze-Thaw Cycling</i> (ASTM C-666, Procedure A)	96% @ 300 Cycles