

# Duracrete II



**Duracrete II** is a single component, very rapid-setting concrete repair mortar for use on horizontal surfaces from ½" up to full depth when extended with 3/8" pea -gravel. Duracrete II incorporates cutting edge chemistry to reduce shrinkage, promote rapid strength gain, and even contains an integral corrosion inhibiting agent to produce a durable and long lasting repair. Duracrete II is the ideal product ideal for applications where downtime must be kept to a minimum, such as roadways, bridges, and industrial maintenance.

## ADVANTAGES

- ✓ Abrasion Resistant
- ✓ High Compressive Strength
- ✓ LEED Credits
- ✓ Very Rapid-Setting
- ✓ Integral Corrosion Inhibiting Agent
- ✓ Low In-Place Cost
- ✓ ½" to Full Depth
- ✓ Meets ASTM C-928
- ✓ DOT Approved
- ✓ AASHTO T-260
- ✓ May be Extended with 3/8" Pea Gravel
- ✓ Takes Foot Traffic in 1 Hour & Vehicles in 2 Hours

## PACKAGING

- ✓ 50 lb. bags (.45 ft<sup>3</sup>)
- ✓ 50 lb. pails (.45 ft<sup>3</sup>)

## USES

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

## COMPLIANCES

- ✓ ASTM C-928 (R3)

## TEST METHODS

## TEST RESULTS

Initial Set Time (ASTM C-191)	10-16 Minutes
Final Set Time (ASTM C-191)	18-22 Minutes
Bond Strength (ASTM C-882)	
1 Day	1,710 psi.
7 Days	2,440 psi.
28 Days	3,050 psi.
Compressive Strength (ASTM C-109)	
2 Hours	2,600 psi.
3 Hours	4,100 psi.
1 Day	5,500 psi.
7 Days	6,500 psi.
28 Days	7,300 psi.
Length Change-Wet (ASTM C-157)	+0.04 @ 28 Days
Length Change-Dry (ASTM C-157)	-0.08 @ 28 Days
Freeze-Thaw Cycling (ASTM C-666, Procedure A)	96% @ 300 Cycles