

Duracrete II FR



Duracrete II FR is a medium gray, very rapid setting; fiber-reinforced, cementitious repair mortar that is designed to be used in horizontal applications from ½" up to full-depth when extended. contains special anti-corrosion admixtures to prevent corrosion of rebar. Easy to use with just the addition of water, will shorten any downtime due to its rapid strength gaining properties.

ADVANTAGES

- ✔ Horizontal Concrete Repairs
- ✔ May Be Extended for Full Depth Repairs
- ✔ Precision Blended
- ✔ Non-Shrinking
- ✔ Easy to Mix & Use
- ✔ Economical
- ✔ May Contribute to LEED Points
- ✔ Multiple Lifts Possible
- ✔ Single Component
- ✔ Rapid Strength Gain
- ✔ High Strengths
- ✔ Fiber-Reinforced for Increased Tensile Strength

USES

- ✔ ½" Up To Full-Depth Repairs
- ✔ Bridge Deck Repairs
- ✔ Pavement Repairs
- ✔ Airport Runway Repairs
- ✔ Industrial Maintenance
- ✔ Parking Garages

COMPLIANCES

- ✔ ASTM C-928, Very Rapid Hardening (R3)
- ✔ Multiple DOT Approvals

PACKAGING

- ✔ 50 lb. bags (.45 ft³)

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 Day	2,440 psi.
Flexural Strength (ASTM C-78)	
1 Day	700 psi.
7 Day	1,000 psi.
Compressive Strength (ASTM C-109)	
2 Hours	2,500 psi.
1 Day	8,000 psi.
7 Days	9,900 psi.
28 Days	10,700 psi.
Length Change In Air (ASTM C-157)	-0.07% @ 28 Days
Length Change In Water (ASTM C-157)	+0.04% @ 28 Days