



# SikaCrete®-421 CI Rapid

**ONE-COMPONENT, EARLY STRENGTH-GAINING CONCRETE  
CONTAINING FACTORY BLENDED COARSE AGGREGATE**

- High early strength
- Integral corrosion inhibitor
- Air-entrained
- Prepackaged coarse aggregate

Available in:  
65 lb bag



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ONE-COMPONENT, EARLY STRENGTH-GAINING CONCRETE CONTAINING FACTORY BLENDED COARSE AGGREGATE

## DESCRIPTION

SikaCrete-421 CI Rapid is a one-component, early strength-gaining concrete containing factory blended coarse aggregate. This concrete is air entrained and also contains a migrating corrosion inhibitor.

## APPLICATIONS

- Full depth repairs.
- On grade, above, and below grade on concrete
- Horizontal surfaces
- Vertical and overhead surfaces when formed and pumped or poured
- Structural repair material for parking facilities, industrial plants, walkways, bridges, tunnel dams and balconies
- Filler for voids and cavities

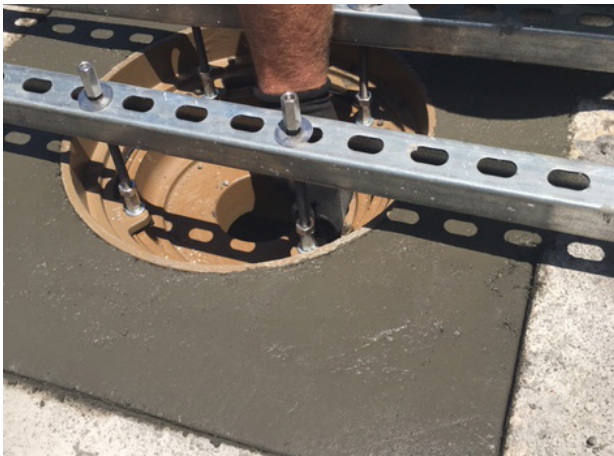
## FEATURES AND BENEFITS

- Fast Setting
- Excellent workability & finishing characteristics
- 3,000 psi in 2 hours
- Pre-packaged coarse aggregate
- eliminates need to extend material in the field. Eliminates risk of reactive aggregate
- Single component: Just add water
- Contains corrosion inhibitor

## TYPICAL DATA

<b>Compressive Strength (ASTM C-39)</b>	2 hours: 3,000 psi (20.7 MPa) 24 hours: 4,500 psi (31.0 MPa) 7 days: 6,000 psi (41.4 MPa) 28 days: 6,500 psi (44.8 MPa)
<b>Splitting Tensile Strength (ASTM C-496)</b>	28 days: 650 psi
<b>Slant Shear (ASTM C-882 modified)</b>	24 hours: 1,700 psi (11.7 MPa) 7 days: 2,300 psi (15.9 MPa) 28 days: 3,000 psi (20.7 MPa)
<b>Length Change (Water Cured)</b>	28 days: 0.012% change
<b>Length Change (Air Cured)</b>	28 days: -0.016%
<b>Freeze Thaw Resistance (ASTM C-666)</b>	300 Cycles: >90%
<b>Chloride ion Permeability (ASTM C-1202)</b>	28 Days: 600 C
<b>Flexural Strength (ASTM C-293)</b>	28 days: 1,000 psi (6.9 MPa)

\*Mortar scrubbed into substrate



## FOR MORE INFORMATION:

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