

Duracrete II VOFT



Duracrete II VOFT is a polymer modified, fiber reinforced, silica fume enhanced, single component, fiber reinforced, non-sagging concrete repair mortar for use on vertical and overhead surfaces from 1/8" up to 3" in a single lift. 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 VOFT blocks water and contaminants from entering the pores. Easy to mix and apply, Duracrete II VOFT is the professional choice for applications where downtime must be kept to a minimum, such as bridge repairs, parking garage repairs, and industrial maintenance. Duracrete II VOFT not only meets ASTM C-928, but due to testing through AASHTO's NTPEP program it is now DOT approved throughout the United States for the most demanding infrastructure applications.

ADVANTAGES

- ✓ Easy mixing - Just Add Water
- ✓ Abrasion Resistant
- ✓ Freeze-Thaw Resistance
- ✓ Meets ASTM C-928
- ✓ High Compressive Strength
- ✓ LEED Credits
- ✓ Contains an Integral Corrosion Inhibiting Agent
- ✓ Low In-Place Cost
- ✓ 1/8" Up To 3" in a Single Lift
- ✓ Silica Fume Enhanced
- ✓ Resistant to Deicing Chemicals
- ✓ Produces a Smooth, Durable, and Attractive Finish
- ✓ Creamy Mix Makes Placement Easy
- ✓ Use with SureWeld, SureBond, or SurePoxy for Proper Adhesion
- ✓ Fiber Reinforced

COMPLIANCES

- ✓ ASTM C-928 (R2)

USES

- ✓ Vertical and Overhead Repairs
- ✓ NTPEP Tested
- ✓ Parking Garages
- ✓ DOT Approved
- ✓ Retaining Walls
- ✓ Bridge Repairs
- ✓ Sloped Surfaces
- ✓ Honeycombed Concrete Repairs
- ✓ Warehouse Walls
- ✓ Balcony Repairs
- ✓ Building Facades
- ✓ Industrial Plants
- ✓ Precast & Pre-Stressed Concrete Repairs
- ✓ Interior & Exterior

PACKAGING

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

TEST METHODS

TEST RESULTS

Initial Set Time (ASTM C-191)	18-20 Minutes
Final Set Time (ASTM C-191)	20-30 Minutes
Bond Strength (ASTM C-882) 1 Day 7 Day	1,500 psi. 2,200 psi.
Compressive Strength (ASTM C-109) 3 Hours 1 Day 7 Days 28 Days	3,000 psi. 4,500 psi. 6,500 psi. 7,500 psi.
Length Change-Wet (ASTM C-157)	+0.07 @ 28 Days
Length Change-Dry (ASTM C-157)	-0.04 @ 28 Days
Freeze-Thaw Cycling (ASTM C-666, Procedure A)	97.6% @ 300 Cycles