

K Pro HP Grout



K Pro HP Grout is a deep-pour, high performance grouting and chocking material composed of special epoxy resins, high strength hardeners, and select aggregates. K Pro HP Grout is a versatile deep pour or low-exotherm material that be placed in depths of 9-18" deep, can be mixed to either a flowable or standard consistency, is easily pumpable, features our low-dust aggregate blend to protect the laborer, and greater than a 95% Effective Bearing Area to fully support base plates.

ADVANTAGES

- ✓ Deep Pour Applications - Up to 16" Deep
- ✓ Two Mix Ratios: Flowable & Standard
- ✓ Low Dust Aggregate Blend
- ✓ Effective Bearing Area Greater Than 95%
- ✓ High Compressive Strength
- ✓ Load-Bearing
- ✓ Low Exotherm
- ✓ Abrasion Resistant
- ✓ Pumpable
- ✓ Contains Zero VOCs
- ✓ Solvent Free
- ✓ US Army Corps of Engineers
- ✓ LEED Credits
- ✓ Moisture Insensitive
- ✓ 100% Solids
- ✓ Chemically Resistant
- ✓ Easy Mixing

PACKAGING

- ✓ Self-Contained .36 ft3 Flowable Kit
- ✓ 3.00 Gallon Unit
- ✓ 15.00 Gallon Unit
- ✓ 50.00 lb. Bag

USES

- ✓ Base Plate Grouting
- ✓ Industrial Maintenance
- ✓ Shear Key Grout
- ✓ Precision Grout Under Dynamic Load Conditions
- ✓ Vibration Dampening Filler for Rotating Equipment
- ✓ Support of Chemical Tanks, Vessels, & Rotating Equipment
- ✓ Compressors, Crane Rails, Generators, Gas Turbines, Gear Cases, Engines, & Storage Tanks

COMPLIANCES

- ✓ ASTM C-881, Types I, II, IV, and V, Grade 1, Class C
- ✓ AASHTO M-235, Types I, II, IV, and V, Grade 1, Class C
- ✓ Federal Aviation Administration
- ✓ DOT Approved
- ✓ USDA
- ✓ PennDOT Bulletin 15

TEST METHODS	HIGH FLOW MIX RATIO 3 BAGS	STANDARD MIX RATIO 4 BAGS
PRODUCT INFORMATION		
Mix Ratio	2:1 by Volume	
Gel Time (ASTM C-881)	60-70 Minutes	
Yield	1.44 ft³/unit	1.72 ft³/unit
Density (ASTM C-905)	122.84 lbs. ft³	132.24 lbs. ft³
VOC Content	0 grams/liter	
Heat Deflection Temperature	128°F	
TECHNICAL INFORMATION		
Bond Strength (ASTM C-882) 2 Days Moist Cured 14 Days Moist Cured 14 Days Air Cured	1,250 psi. 2,150 psi. 1,950 psi.	
Compressive Strength, 7 Days (ASTM D-695)	14,500 psi.	
Compressive Strength (ASTM C-579B) 1 Day 3 Days 7 Days	12,670 psi. 13,690 psi. 14,980 psi.	12,790 psi. 13,630 psi. 15,560 psi.
Flexural Modulus, 7 Days (ASTM C-580)	2.2 x 10⁶ psi.	2.6 x 10⁶ psi.
Flexural Strength, 7 Days (ASTM C-580)	4,250 psi.	4,400 psi.
Tensile Elongation, 7 Days (ASTM D-638)	7,700 psi.	
Tensile Strength, 7 Days (ASTM C-307)	2,500 psi.	2,200 psi.
Depth of Pour Limitation	9 inches	18 inches
Effective Bearing Area (EBA)	+95%	+95%