



4225 W. Ogden Ave. • Chicago, IL 60623 • Phone: (773) 522-1900

CRYSTEX

Non-Shrink, Non-Metallic, Precision Structural Grout

CRYSTEX is a long work time, ready-mixed, high strength, highly fluid, controlled expansive grout with superior dynamic load stability.

CRYSTEX contains a balanced blend of washed and graded aggregates, Portland cement, plasticizing agents, and a proprietary shrinkage compensating system. This unique shrinkage compensating system in CRYSTEX guarantees controlled positive expansion in all directions, developing the densest non-ferrous grout on the market today. The positive expansion of CRYSTEX remains constant throughout the life of the grout.

Unique Properties: CRYSTEX has provided unique placement properties of extended flow and long work time to the installer. This feature, of over 60 minutes of “work time,” facilitates placement of a superior performing grout in the most unfavorable of placement conditions. Extended placement time is important in many cases, including high temperature applications, difficult to reach cavities, installations by grout pump, base plates with lateral shear keys, and extremely large grouting cavities that require continuous placement of over one hour. CRYSTEX is the original “long work time” grout.

Basic Use: CRYSTEX is used where precision, non-shrink, high-strength, structural grout is required, such as: machinery bases, crane rails, pump and equipment bases, keyways, bed plates, anchor bolts and dowels, structural steel columns, bearing plates, load bearing masonry walls, light poles and highway signs

INSTALLATION

Surface to be clean and sound.

Extending CRYSTEX with pea gravel: Choose a clean (free of organic material) 3/8” aggregate and soak for approximately 24 hours prior to mixing with CRYSTEX. Add no more than 55 lbs. of 3/8” aggregate for every two 55 lb. bags of CRYSTEX to the batch.

COVERAGE & PACKAGING
Available in 55 lb. bags
Coverage: 1/2 cubic ft. of fluid consistency

COMPLIANCE
ASTM C-1107, C-827, CRD C-621

TYPICAL COMPRESSIVE STRENGTH			
PSI	ASTM C-1107 and CRD C-621		
	<u>1 Day</u>	<u>7 Days</u>	<u>28 Days</u>
Plastic	5300	8760	10600
Flowable	4600	8160	10150
Fluid	3800	7650	9000

DURAGROUT

Structural, Non-Shrink Grout

DURAGROUT is a ready-mixed durable, non-shrink, non-metallic, flowable, high-strength structural grout.

DURAGROUT contains a balanced blend of washed and graded silica sands, portland cement, flow improvement compounds, and a shrinkage compensating system which produces a volume stable structural grout.

DURAGROUT is scientifically proportioned and is ready for use at varied consistencies from dry pack to fluid.

Basic Use: DURAGROUT is used where non-shrink, high-strength, structural, durable grout is required such as: precise machine bases, pump and equipment bases, structural columns, machine tools, compressors, and anchor bolts.

INSTALLATION

Extending DURAGROUT with pea gravel: Choose a clean, well-graded, 3/8” aggregate. Soak in clean water for approximately 24 hours prior to mixing with DURAGROUT. Following mixing DURAGROUT to desired consistency, add no more than 50 lbs. of 3/8” aggregate for every two 100 lbs. of DURAGROUT to the batch. Continue to mix until the aggregate is thoroughly dispersed throughout the batch.

COVERAGE & PACKAGING
50 lb. Bags, .44 cubic ft. yield

COMPLIANCE
ASTM C-1107, ASTM C-827, CRD C-621

TYPICAL COMPRESSIVE STRENGTH			
PSI	ASTM C-1107		
	<u>1 Day</u>	<u>7 Days</u>	<u>28 Days</u>
Flowable	4300	6800	7500
Fluid	3500	6000	7000