

Architectural Art Mfg.

A division of Pittcon Architectural Metals, LLC

TECH DATA SHEET

JointCrete®1

Elastomeric Header System 5 gallon Kit

DESCRIPTION:

JointCrete®1 Elastomeric Header is a three component flexible material that is formed in the field. It creates a strong and flexible nosing material that is used to protect the edges of concrete slabs exposed to the impact of slow moving vehicular traffic like in a car park. JointCrete®1 is a pre-proportioned granular rubber based filler used with a 100% solids modified epoxy binder to produce a mixture of uniform shore hardness that flexes under impact or loading. JointCrete®1 helps the environment by eliminating the need for landfill space through the use of ground up vehicle tires as its rubber component

ADVANTAGES:

JointCrete®1 Elastomeric Header is mixed in the field and placed similar to that of asphaltic concrete. Unlike asphalt, it is impermeable and will not be affected by freeze-thaw cycles. or permit pot holing. The mixed material is resistant to oil, gas, grease, salts, and mild acids. When compared to pre-formed material the board foot cost is lower. JointCrete®1 has over a twenty-year track record in use showing no sign of deterioration.

Electrical Resistance:

Volume Resistivity (4.8×10^{13} ohm-cm) typical ASTM D257

PACKING:

One 5 gallon unit will consist of 1 quart can of JointCrete® Primer A containing 1 pint of liquid, 1 pint of JointCrete® Primer B, 1/2 gallons JointCrete® "A" Component, 1/2 gallons JointCrete® "B" Component of epoxy Resin and 10 lbs of ground Elastomeric Filler. This unit will yield 0.2816 cubic feet. The weight of JointCrete®1 in a 5 gallon unit weighs 20 lbs and yields an average of 70 Lbs. per cubic foot of volume. Tools provided are 1 stir stick, 1 paint brush 3", and 1 squeegee tool.

PRIMING:

Surfaces to receive JointCrete®1 Header material should be clean, dry, and free of laitance, oil and dirt. Pour container B into container A and mix thoroughly. Prime all areas to receive JointCrete®1 Elastomeric Header with JointCrete® Primer

prior to placement of mixed system at the rate of 20 square feet per kit.

MIXING:

Combine one part by volume of "A" Component with one part by volume of "B" Component of the resin material mix for 3 + minutes. Blend rubber at a rate of 10 lbs. per 1 gallon of resin. Continue mixing for 3 - 5 minutes. Mixing may be done using slow speed drill, or a mortar mixer (blade type) may be used for large applications.

APPLICATION

Pour mixed Header onto primed area, screed to desired elevation and hand tamp to complete the application. If the application is greater than 4" in depth, the Header should be placed in layers not greater than 4" in depth.

SHELF LIFE: Two (2) years

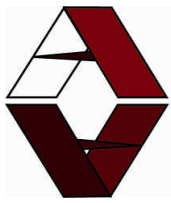
TEMPERATURE:

JointCrete®1 Elastomeric Header should not be installed in temperatures below 40 deg. F.

CAUTION:

"A" Component - Contains epoxy resin. May cause skin sensitization or other allergic responses Avoid inhalation of vapor. Use good ventilation, particularly if material is heated or sprayed. Prevent contact with skin, and eyes. If skin is contacted, wash immediately with soap and water. If eyes are contacted, flush immediately with water and consult a physician.

"B" Component - Contains amine compound. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes, Remove contaminated clothing and shoes. Call a physician. Wash clothing before reuse. Discard contaminated clothing & shoes. Wear protective clothing, goggles, gloves and/or barrier creams.



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PHYSICAL PROPERTIES

JointCrete1™

Elastomeric Header System

JOINTCRETE1 - BINDER & AGGREGATE		
PHYSICAL PROPERTY	ASTM TEST METHOD	REQUIREMENTS
Comprehensive Strength	C 579-96	6000 PSI/min.
Adhesion Strength - Concrete	D 4541	200 -300 PSI
Adhesion Strength - Steel	D 4541	150 PSI
Slant Shear Bond Strength	C 882	1275 PSI (9000 lb Load)
Resilience (5% deflection)	D 695	90% min.
Color Cured Material		Black
Consistency		Trowel Grade
Impact Resistance @ 20F		no cracks
Impact Resistance @ 32F		no cracks
Impact Resistance @ 150F		no cracks
Pot Life (@ 72F)		30 - 45 Minutes
TESTED - Akron Rubber Development Laboratory, Inc.		

Limited Warranty

Architectural Art Mfg., a division of Pittcon Architectural Metals, LLC, warrants to its purchaser that all its products will be free of material or manufacturing defects for one (1) year. Any claim brought to the attention of Architectural Art Mfg., a division of Pittcon Architectural Metals, LLC, by the customer in writing; within one year of substantial completion will be examined.

If the product has failed under the terms of the warranty, it will be replaced or repaired free of charge. Architectural Art Mfg., a division of Pittcon Architectural Metals, LLC, will not be responsible for installation costs involved in such replacement or repair, consequential or other damages of any nature. This is in lieu of all other warranties expressed or implied and is the sole warranty extended.

The right is hereby reserved to make changes from time to time in styles and construction whenever deemed advisable and to withdraw from sales any item whenever necessary. In presenting these products Architectural Art Mfg., a division of Pittcon Architectural Metals, LLC, cannot claim to serve in any but an advisory capacity and can undertake no liability. The use of our products should be modified, if necessary, to conform to local conditions and materials employed.

6409 Rhode Island Avenue, Riverdale, Maryland 20737-1098
Phone (301) 927-1000 Fax (800) 897-3129