

C/S ELASTOMERIC CONCRETE SPEC DATA

C/S Parking Expansion Joint Systems

PRODUCT DESCRIPTION

C/S Elastomeric Concrete is a three (3) component, polyurethane based elastomeric concrete material. It cures to a hardness and durometer that enables the product to support loading with minimal deflection and will also absorb impact without cracking.

BASIC USES

C/S Elastomeric Concrete is used primarily as an expansion joint header material, and a flexible nosing material for extruded aluminum expansion joint assemblies.

ADVANTAGES

- ◆ Easy to mix and install.
- ◆ The 3 system components are conveniently pre-proportioned and packaged together for easy field mixing.
- ◆ Remains flexible over a wide temperature range.
- ◆ Cures at temperatures down to 40° F.
- ◆ Bonds to concrete, aluminum and steel.
- ◆ Has excellent weatherability.
- ◆ Can have a thixotropic additive for sloped surfaces.

LIMITATIONS

- ◆ Apply to clean, dry, sound substrate.
- ◆ Temperature must be above 40° F.

PACKAGING

Available in 950 cubic inch kits (approximately 4 gallons).

STANDARD COLORS

Black.

INSTALLATION

Preliminary: Surfaces to receive C/S Elastomeric Concrete must be clean, dry, and sound.

Preparation: Prepare the substrate by sandblasting or grinding.

Installation: Concrete substrates must be treated with C/S EC primer before the C/S Elastomeric Concrete is installed.

Use a drill with a Jiffy/paddle type mixer for best results. Pour the Part A and Part B liquids into a clean 6-gallon bucket. Immediately and progressively add in the pre-packaged aggregate while mixing, until all aggregate has been added. Mix for approximately 1 minute. Once fully mixed, immediately pour the C/S Elastomeric Concrete onto the prepared surfaces.

PRECAUTIONS

Refer to Material Safety Data Sheet for detailed health and safety information prior to use.

WARRANTY

C/S warrants that its products are manufactured free of defects and conform to the technical data listed. Under this warranty, we will replace (at no charge) any material proven defective when applied in accordance with our written instructions for applications recommended by us as suitable for subject products. C/S shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.

TECHNICAL DATA FROM LABORATORY TESTS

Property	Test Method	Test Results
Tensile Strength	ASTM D412	1680 psi
Elongation @ Break	ASTM D412	240% min
Hardness (Shore A)	ASTM D2240	80+/-3
Tear Strength	ASTM D624	195 lbs/inch
Adhesion Properties Bond to Concrete	ASTM C109	422 psi min.
Pot Life once A & B are mixed		20 min.
Ozone Resistance	ASTM D1149	No Cracks
U.V. Resistance	ASTM G53	Excellent
Compress. Strength 5% deflection Resilience, %	ASTM D695	1442 psi min. 96% min.

C/SGROUP

To download details and specifications visit www.c-sgroup.com.
For technical and design assistance call (800) 233-8493.