

FIBSEAL (CS)

Liquid Crack Sealer

DESCRIPTION

FIBSEAL (CS) is a liquid crack sealer that cures to a rubber-like texture and remains flexible to accommodate thermal or structural movement in small cracks.

AREAS OF APPLICATION

- Stopping water leaks
- Vertical or horizontal surfaces
- Residential and commercial applications
- Parking garages and parking areas
- Interior or exterior applications

FEATURES & BENEFITS

- material that allows for small movement
- Remains flexible in all normal climates
- One part product allows a long pot life for ample installation period
- Waterproof

APPEARANCE

FIBSEAL (CS) is a white one part latex-based product, FIBSEAL (CS) dries to clear film.

TECHNICAL SPECIFICATIONS

Standard tensile briquettes were molded, cured and sawed in half. Halves were joined with FIBSEAL (CS), cured for 7 days and then tested.

TENSILE STRENGTH > 0.34 MPa

ELONGATION > 500 %

ELASTIC MEMORY Excellent

CHEMICAL RESISTANCE - FULLY CURED SAMPLES

Water	Excellent
Gasoline	Excellent
Oil	Excellent
Excellent Salts (5% Calcium Chloride)	Excellent

FIBSEAL (CS) will accept normal traffic in 48 hours if curing temperature is 21°C and @ 50% relative humidity. Expect complete cure within 3-4 days.

APPLICATION METHODOLOGY

SURFACE PREPARATION

New concrete must be a minimum of 28 days old. The cracks must be clean and sound. All oil, dirt, debris, paint and any other material that might be a bond breaker must be removed. The final step in cleaning should be the complete removal of all residue with a vacuum cleaner or pressure washing. **THE CRACK MUST BE PRE-DAMPENED FOR PROPER ADHESION OF THE FIBSEAL (CS).**



MIXING

FIBSEAL (CS) is a one part product and requires no pre-mixing. Use the material directly from the container.

PLACEMENT

Horizontal Slabs-Narrow Cracks: Pour FIBSEAL (CS) directly into the damp crack. It may settle down into crack, and if this occurs, re-apply FIBSEAL (CS). Cracks may require two or three applications, and if so, always fill the crack completely.

WIDER CRACKS

(Up to 6 mm-large enough to permit FIBSEAL (CS) to flow through rapidly.) Seal as directed for narrow cracks, allowing first application to dry.

Whenever FIBSEAL (CS) runs completely through a crack, (i.e. when sealing cracks on floor other than the ground floor), brush bottom of crack with a quick setting plaster mix, completely closing it. When sealing from below is not possible, fill crack with polyethylene backer rod to within 9.5 mm of surface, then fill to top with FIBSEAL (CS).

VERTICAL CRACKS

Vertical cracks can be sealed by pressure injecting the sealer through alemite fittings or other fittings or directly into the crack. The alemite fittings should be inserted into holes drilled along the crack, and then the fittings glued into place. Seal surface of the crack between fittings with Dam-It prior to application of FIBSEAL (CS).

CURING

FIBSEAL (CS) requires no special curing instructions. The product will cure within 24 hours of placement @21°C. Lower temperatures will slow the curing rate.

CLEAN UP

Clean tools and equipment with water before the material hardens.

PRECAUTIONS

- Do not apply when ambient temperatures are below 7oC.
- No heavy traffic until the product has cured.
- Allow to dry before exposure to water.

PACKAGING / YIELD

FIBSEAL (CS) is one part latex-based product packaged in 20 litre pails and 4 litre units per case. A 4 litre unit yields (3,806 cm³) of product while the 20 litre pail yields (19,927 cm³) of material.

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