

Technical Data Sheet



1. PRODUCT NAME

ELASTOFILLER™ ELASTOMERIC CRACK SEALER

2. DISTRIBUTOR

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3. PRODUCT DESCRIPTION

ELASTOFILLER™ ELASTOMERIC CRACK SEALER is a white, acrylic resins based, waterproof crack sealer, filler and caulk. **ELASTOFILLER™** is a high solids, high built sealant for filling, sealing and hiding cracks and concrete imperfections in both exterior and interior applications. **ELASTOFILLER™** can be used **TO SEAL:** horizontal and vertical cracks in concrete roofs and masonry walls, concrete cold joints, shrinkage and movement cracks, roof penetrations, roofs seams and roof detailing work, flashings, masonry cracks, perimeter joints, etc.

Step #1 of the *ElastoSeal Waterproofing System™*, consists of sealing cracks, joints, crevices and imperfections with the **ELASTOFILLER™ Crack Sealer**. This first step is critical to assure the waterproofing system effectiveness. **ELASTOFILLER™** is 100% compatible with the other components of the *ElastoSeal™ Waterproofing System*. These ORIGINAL system components must be employed in all waterproofing jobs to guarantee the INTEGRITY, DURABILITY and PERFORMANCE of the *ElastoSeal™ Waterproofing System*.

ELASTOFILLER™ can also be used as a

TROWEL-ON, CRACK BRIDGING, SYNTHETIC STUCCO and **plaster refinish**. It provides an aesthetic, polymeric stucco finish that is easy to apply, is very workable, has excellent appearance, is paintable and 100% waterproof. **ELASTOFILLER™** is strongly recommended as a high performance concrete block (CMU) watertight block filler and coating for masonry construction.

4. PHYSICAL PROPERTIES

Density : 9.70 ± 0.1 lbs/gallon

Viscosity: Paste

Percent Solids: 56 % ± 2% (weight)

Tensile Elongation: 250% ASTM D-412

Permeability: Breathable

Adhesion: To concrete: 10 pli
To Elastoacryl™ Primer: 25 pli
To Plywood: 15 pli

Cure Time: (¼ inch Thick bead)

Set Cure: 4 to 12 hrs.

Recoat Time: 12 to 48 hrs.

FINAL Cure: 48 to 72 hrs.

5. MATERIAL INFORMATION

Color: Grayish White

Packaging: 1 gallon and 1 quart containers

Mix Ratio: One component

Composition: Water based acrylic crack filler

Cleanup: Water and soap when wet.

6. COVERAGE RATES AND YIELDS

6.1 Spatula 2" at ¼" Thick = 35 LF/gallon

6.2 Spatula 3" at ⅛" Thick = 50 LF/gallon

6.3 Spatula 4" at ⅛" Thick = 35 LF/gallon

7. INSTRUCCION FOR USE

7.1 Substrate and cracks must be clean, dry, structurally sound, free of dust, dirt, laitance, fungi/algae and other foreign substances. Clean area with high-pressure water blasting, other suitable mechanical or chemical preparation. Previously coated surfaces must be cleaned to remove all loose, peeling or flaking paint or coating.

7.2 STEP #1 of the *ElastoSeal™*

Waterproofing System consists of sealing and filling cracks, joints or imperfections in roofs with the **ELASTOFILLER™ Crack Sealer**. It is mandatory to apply **ELASTOFILLER™** to all leaking cracks in roofs or substrates, to be repaired. Before applying the **ELASTOFILLER™** into the crack, joint, crevice or imperfection; use the **ELASTOACRYL™** to prime the substrate to maximize the adhesion of the **ELASTOFILLER™**.

This process will considerate all dust, chalk, and porosity of the substrate and will ensure an effective waterproofing job. After priming the crack, joint or imperfection with **ELASTOACRYL™**, apply the **ELASTOFILLER™** as explained in **INSTRUCTIONS number 4.3, 4.4 and 4.5**; depending on the actual job conditions and requirements.

7.3 HAIRLINE CRACKS, joints and seams less than 1/16" or 60 mils wide, can be sealed/repared with 2"-3" wide band of **ELASTOFILLER™** applied 1/8" thick over the crack's centerline. Spread the **ELASTOFILLER™** sealant with brush, broad knife or spatula over the crack at the center and feather edge to the sides to achieving a crack bridging band 2"-3" wide and 1/16" thick average. Let sealant dry 24 hours minimum before refilling joints where sealant has sagged or shrunk.

7.4 WIDE CRACKS, seams or joints that exceed 1/16" in thickness must be cut out or routed to 1/4" width and 1/4" deep and filled with **ELASTOFILLER™**. Allow at least 24 hours for each 1/4" layer of the crack filler to dry. Cap the crack with a 4"-6" wide band of **ELASTOFILLER™** applied at least 1/4" thick. Apply sealant at center of crack and featheredge the **ELASTOFILLER™** to the sides of the crack; going from 1/8" at the center to zero at the edges.

7.5 For **EXPANSION JOINTS** insert an open cell polyethylene backer rod sized 1.5-2.0 times the joint width. Backer rod must be installed no more than 1/4" deep.

Fill joint with **ELASTOFILLER™** allowing 24 hours minimum drying time. To obtain a smooth

level surface, check for shrinkage and reapply the crack sealer to the joint, if necessary.

Finally, built-up a cap or crack bridge at least 1/8" thick by applying the **ELASTOFILLER™** at the center of the crack and featheredging the material to zero at the edge of the 3" wide crack sealant band or seal cap.

7.6 Fiberglass mesh or tapes are NOT RECOMMENDED or necessary for use with **ELASTOFILLER™** crack repair. Reinforcing mesh limit the expansion or elongation capabilities of the Elastomeric Sealer **crack seal** and restrict the elastic properties of the material.

ELASTOFILLER™ thixotropic properties permit application with no sagging at the required thickness without the use of tapes or mesh in vertical substrates.

7.7 After repairing ALL the roof cracks with **ELASTOFILLER™**, prime entire roof with **ELASTOACRYL™**, **Step #2** of the *Elasto Seal Waterproofing System*. Finally, finish roof with two coats of **ELASTOSEAL®** Elastomeric Roof Sealer, **Step #3** to assure an effective and durable waterproofing job.

7.8 For aesthetic or architectural surfaces crack sealing the **Elastofiller™** is coat – Float slightly the **Elastofiller™** bead with a wet/damp sponge or soft rubber float. This procedure produces a uniform texture shine a sanded plaster finish and hides or blending the **Elastofiller™** repair with the plaster or concrete surfaces.

7.9 Is mandatory to spot prime the **ELASTOFILLER™** sealed cracks with paint, after repairing cracks in walls and areas to be painted. Let spot primed areas dry thoroughly before applying first coat of paint. Most water based paints and sealers can be used to coat **ELASTOFILLER™** repaired cracks/defects.

8. REFINISH/AESTHETIC USES

8.1 Use **ELASTOFILLER™** to PLASTER, RECOAT and REFINISH; concrete, masonry, CMU and plywood. Apply a base coat of **ELASTOACRYL™** at 100-150 ft²/gal maximum.

Allow primer to soak into substrate and dry to touch. Trowel-on, brush or roll the

8.2 ELASTOFILLER™ over the primed surface 1/16" to 1/4" thick. Finish **ELASTOFILLER™** synthetic stucco coat, with a wet sponge float, steel trowel or stucco roller depending on texture desired. Allow finished material to dry 24 hours minimum before recoating. All cracks in substrate must be prepped as outlined in 3, 4 and 5, before applying the **ELASTOFILLER™** finish stucco coat.

Wash brushes trowels and equipment with warm soapy water. For dried material remove with razor or scraper, previously wetting the tools in water or solvents to facilitate the **ELASTOFILLER™** removal. Chemical paint removers can also be used if desired.

Store and Close container tightly to maintain product in good condition. Store in cool dry area. Avoid freezing of product. Product shelf life is 12 months if stored properly.

9. LIMITATIONS

DO NOT USE **ELASTOFILLER™** TO REPAIR STRUCTURAL CRACKS OR DEFECTS IN CONCRETE, DEMANDING LOAD TRANSFER CAPABILITIES.

Material is an elastic sealant and has no load bearing properties. For structural repairs use an epoxy or cement based structural repair material product. Contact **CONSPRO CORPORATION** technical reps for additional information on structural concrete repairs.

Always allow a minimum 24 hours cure between **ELASTOFILLER™** applications.

Do not apply to surfaces with excessive moisture content or when rainfall is imminent. Consult product Tech Data Sheet and MSDS before use.

10. PACKAGING, YIELD AND USE

Net Weight:

2.1 lbs. /1 quart.
8.5 lbs./1 gallon.

11. DISCLAIMER

CONSPRO CORPORATION products are designed to be used by competent persons in accordance with current published instructions and technical data. These materials are for use in the construction industry trade or for professional or industrial use.

We can not be responsible for problems caused by inferior workmanship, conditions unknown or beyond our control, or by the use of faulty secondary materials integrated to our product's final system use.

To be valid, all defective product claims must be received in writing; 180 days from the day of shipment or delivery. No claims will be considered without such written notice or after the specified time interval. **CONSPRO CORPORATION** will promptly investigate all reported claims. Our investigator will prepare a written/oral report describing the nature of the problem and his explanations for the reported difficulties. An authorized officer of the Corporation will handle all complaints and resolve any pending disputes after this point.

The user shall determine the suitability of the product for his intended use before application and/or use. The user assumes all liabilities and risks whatsoever in connection the use and application of the product.

All claims are voided if product is used contrary to Conspro Corporation written instructions and data sheets.

12. PRODUCT WARRANTY

CONSPRO CORPORATION warrants that the products distributed are of excellent quality, are formulated to exacting standards and comply with the specifications on the product label and data sheets.

If any material is found defective or not usable, **CONSPRO CORPORATION** will promptly replace the defective material to the purchaser or refund the purchase price.

CONSPRO CORPORATION liability is strictly limited to refund the purchase price or to replace the defective material with an equal or similar product.

This warranty is made in lieu of any and all other warranties, expressed or implied, including the warranties or merchantability and or fitness for use which are hereby disclaimed.

It is understood and agreed that buyer's sole remedy and therefore seller's liability whether in contract, tort, under any warranty in negligence, or otherwise, is limited to the return of the purchase price.

Any and all problems, controversies, disputes arising or regarding the use, warranty, recommendations, effectiveness, durability or others; involving this product will be resolved only by arbitration in the commonwealth of PR PER applicable PR arbitration rules and proceedings in effect at the time the claim is know.

All warranties are voided if product is used contrary to **CONSPRO CORPORATION** published instructions and data sheets.

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