

WATERPROOFING

Liquifiber™

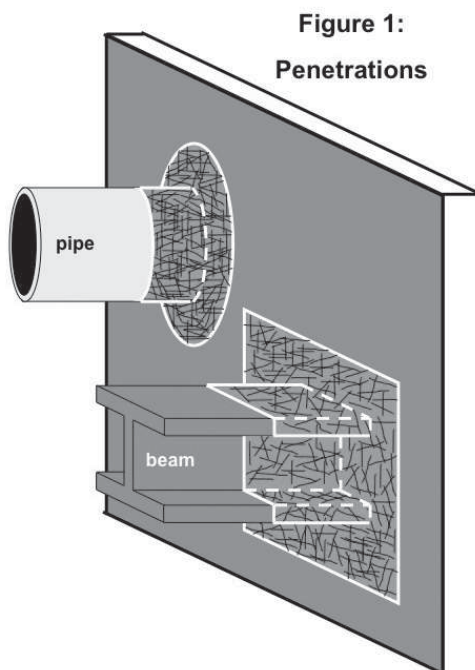
Description

CCW Liquifiber consists of randomly oriented glass strands formed into cohesive mats with a water-soluble binder. Liquifiber is laid into a wet layer of CCW liquid-applied membrane, where the binder dissolves and the glass strands become fully integrated with the membrane. Upon cure, the CCW membrane that is reinforced with Liquifiber exhibits higher multi-axial tensile strength and tear resistance than typical sheet membrane products.

Liquifiber replaces sheet membrane and reinforcing fabric details in the following CCW cold, fluid-applied waterproofing and air barrier systems: Barricoat™, Barriseal™, Barritech NP, Barritech VP™, MiraSeal and MiraPLY. Liquifiber enables a seamless, fully adhered, high-strength seal at difficult-to-detail conditions such as re-entrant corners, pipe/duct penetrations and window openings.

Figure 1 - Penetrations

Figure 2 - Openings and Angle Changes

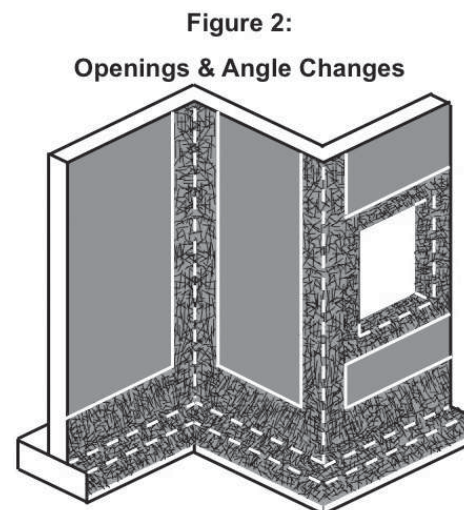


Features and Benefits

- Simple installation
- Seamless
- High strength
- Improves CCW system performance
- Compatible with all CCW cold fluid-applied membranes

Installation

Integrate Liquifiber into CCW membrane system details according to published CCW details. Surfaces shall be clean, dry and sound. All cracks and gaps shall be filled with approved material prior to Liquifiber embedment. Apply minimum 30-wet-mil-thick layer of CCW liquid membrane to substrate. Before membrane skins over, tear or cut an appropriately sized piece of Liquifiber from the roll and lay it into the membrane. Overlap neighboring pieces of Liquifiber in to membrane base coat and encapsulate with liquid membrane using a detail roller or brush. Integrate Liquifiber details into membrane system as shown in CCW standard details.



WATERPROOFING

Liquifiber

Limitations

Protect rolls from wetting during delivery, storage and handling.

Not recommended for use in CCW's solvent-based or hot-applied rubberized asphalt systems.

Packaging

Liquifiber is provided in conveniently sized rolls packed in a tough, water-resistant, reclosable plastic bag and the bagged rolls are packed in a labeled cardboard carton.

Size	Part Number
6" x 300' rolls, 8 rolls per case (1,200 sq. ft.)	317487
12" x 300' rolls, 4 rolls per case (1,200 sq. ft.)	317488

Typical Properties

Property	Method	Results*	Results**
Puncture Resistance - Maximum Load	ASTM E154	23.9 lb.	24.8 lb.
Puncture Resistance - Maximum Elongation	ASTM E154	171%	175%
Resistance to Tear Initiation	ASTM D4073	47.9 lbs.	56.6 lbs.
Resistance to Tear Propagation	ASTM D751-Tongue Tear	10.0 lbs.	9.8 lbs.
Breaking Strength - Grab Test	ASTM D751-Procedure A	81.5 lbs.	84.8 lbs.
Elongation at Break - Grab Test	ASTM D751-Procedure A	30.40%	21.70%
Breaking Strength - Cut Strip	ASTM D751-Procedure B	26.6 lbs.	36.4 lbs.
Elongation at Break - Cut Strip	ASTM D751-Procedure A	42.50%	64.80%

* Liquifiber set in Barritech VP membrane

** Liquifiber set in Barriseal/Barricoat-R membrane

Limited Warranty

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.