

SCIENCE. SERVICE. SOLUTIONS.



LIQUIFIBER™

Revolutionizing How Details are Flashed



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Carlisle Coatings & Waterproofing Incorporated (CCW) provides a broad range of solutions for building envelope protection. CCW provides technical services, research and development and manufacturing capabilities from its headquarters in Wylie, Texas and two additional manufacturing facilities in Terrell, Texas and Carlisle, Pennsylvania. The CCW network is further supported by over 50 sales representatives directed by regional sales offices throughout the country. CCW offers a complete line of waterproofing and air and vapor barrier products for the architectural, general construction, industrial and maintenance industries. CCW is a division of Carlisle

Construction Materials Incorporated, the largest division of Carlisle Companies, Inc. a publicly traded company (NYSE: CSL).

Product Description

LiquiFiber from Carlisle Coatings and Waterproofing 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 so that 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.

Great For
Detailing
Windows



1 Seal all gaps before applying fluid-applied air barrier and LiquiFiber with LM 800 XL, CCW-201 or approved sealant.



2 Apply 30 wet mils of fluid-applied membrane into rough opening.



3 Apply 30 wet mils of fluid-applied membrane at least 3" onto sheathing.



4 Tear or cut LiquiFiber to fit detail.



5 Apply LiquiFiber onto wet membrane.



6 Ensure that LiquiFiber overlaps neighboring pieces by at least 2".



7 Fold LiquiFiber into rough openings and corners. Set tightly in corners with putty knife or similar tool – no bridging.



8 Apply second coat of 30 wet mils of fluid applied membrane to encapsulate LiquiFiber. Apply same day as LiquiFiber.

Features & Benefits

- Randomly oriented glass strands
- High-strength reinforcement
- Integrates into liquid membrane
- Allows for faster installation
- Serves as a replacement for self-adhered flashing
- Conforms to difficult details
- Creates a seamless, monolithic and continuous air barrier

Note: LiquiFiber Details, as installed in steps 1-8, shall be integrated in CCW liquid membrane systems as indicated in CCW's standard details and application instructions.

LiquiFiber can also be used on other details, such as:



Outside Corners



Inside Corners



Pipes and Other Through Wall Penetrations

**For Detailing:
Corners,
Pipes and
more!**

Technical Data

Property	Test Method	Results*	Results*
Puncture Resistance – Maximum Load	ASTM E154	23.9 lbs	24.8 lbs
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	30.4%	21.7%
Breaking Strength – Cut Strip	ASTM D751 – Procedure B	26.6 lbs	36.4 lbs
Elongation at Break – Cut Strip	ASTM D751 – Procedure A	42.5%	64.8%

* LiquiFiber set in Barritech™ VP membrane

** LiquiFiber set in Barriseal®/Barricoat-R membrane

Packaging Information

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

P/N **317487** LiquiFiber 6" x 300' rolls, 8 rolls per case (1,200 sq. ft.)



1

Barritech VP and Barritech NP



P/N **317488** LiquiFiber 12" x 300' rolls, 4 rolls per case (1,200 sq. ft.)



2

Barriseal, Barriseal-R and Barricoat-R



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.

Carlisle Coatings & Waterproofing

900 Hensley Lane | Wylie, TX 75098 | 800.527.7092 | www.carlisleccw.com

