

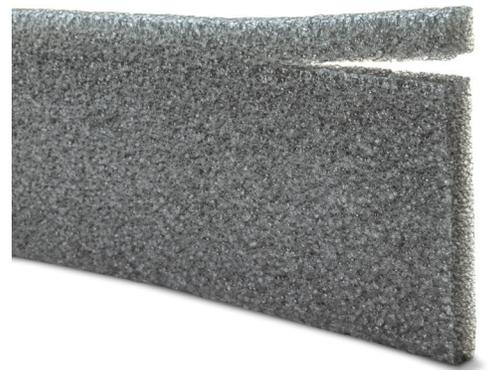
## SEALANT ACCESSORIES

# Flat Backer Rod (FBR)

FillPro® Flat Backer Rod (FBR) is the newest addition to the ArmaComp™ family of back-up products for sealants. FBR is a closed-cell polyethylene foam expansion joint filler for use in concrete construction to fill the gaps between adjacent concrete slabs, footings, foundations and other structures. The convenient tear-off strip, installed flush with the concrete pour, makes it easy to create a void for sealants. FBR is ideal for curved expansion joints and isolation joints accommodating movement between slabs or structures.

- // For concrete driveways, sidewalks, pool decking, and other concrete slabs.
- // Tear-off strip creates perfect joint depth for sealants.
- // Waterproof: will not absorb moisture that can freeze and expand.
- // Accommodates vertical/horizontal and expansion/contraction movement.
- // Natural bond breaker for cold-applied sealants.

[www.armacell.us](http://www.armacell.us)



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ArmaComp<sup>™</sup>

## TECHNICAL DATA SHEET | FILLPRO FLAT BACKER ROD (FBR)

**Technical data:** FillPro Flat Backer Rod (FBR)

**Description:** Light gray, closed-cell polyethylene expansion joint fillers with tear-off strips that measure 4" high x 0.50" thick x 50-foot length. Sold in packs of 12 rolls.

Physical Property	Standard	Unit	Value	
Compression Deflection 25%	ASTM D 7174 / D 5249, D 545	psi	5 - 15	
		kPa	35 - 104	
Compression Deflection 85%	ASTM D 7174, D 545	psi	300 Max	
		kPa	2070 Max	
Compression Recovery 50%	ASTM D 7174, D 545	%	95 Min	
Density (water displacement)	ISO 2781	lb/ft <sup>3</sup>	1.6 - 2.0	
		kg/m <sup>3</sup>	25.6 - 32.0	
Extrusion	ASTM D 7174, D 545	in	0.50 max	
		mm	12.7 max	
Service Temperature	Low	—	°F	-90
		—	°C	-68
	High	—	°F	210
		—	°C	99
Water Absorption (by volume)	ASTM D 5249, D 545	%	0.5 Max	
Classification	ASTM D 7174	—	Type I	
	ASTM D 5249	—	Type 2 (cold application only)	

**Application:** For concrete driveways, sidewalks, pool decking, parking decks, curbs, and other concrete slabs.

**Installation Instructions:** Clean all joints prior to FBR installation according to the sealant manufacturer's suggestions. All surfaces should be free from dusty, oily, or foreign residue. For existing construction, install FillPro FBR with a blunt instrument at the depth recommended by the sealant manufacturer. Remove the 1/2" tear-off strip before installing the sealant to help control the amount of product needed to fill the gap. For new pours, unroll and cut to the appropriate length. Adhere to adjacent material before pouring with construction adhesive, nails, or staples. Ensure that the FBR is even with the anticipated concrete pour level. Pour the concrete and finish. After the concrete hardens, remove the strip and seal the area with appropriate caulking. FBR is designed for use with cold sealant products and is not compatible with hot pour sealants. Please note that installation instructions are recommendations only, while correct local construction requirements are the responsibility of the installer.

**Storage:** Store in a well-ventilated area, away from heat sources, direct sunlight, vents, and open flames. FBR should not be punctured, stressed, or over-compressed during storage or installation.

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. Despite taking every precaution to ensure that said data and technical information are up to date, Armacell does not make any representation or warranty, express or implied, as to the accuracy, content or completeness of said data and technical information. Armacell also does not assume any liability towards any person resulting from the use of said data or technical information. Armacell reserves the right to revoke, modify or amend this document at any moment. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. This document does not constitute nor is part of a legal offer to sell or to contract.

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## ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,100 employees and 27 production plants in 19 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.



For more information, please visit:  
[www.armacell.us](http://www.armacell.us)