



CHEM LINK Products, LLC

Last Revision: 05/30/12

353 East Lyon Street
 Schoolcraft, MI 49087
www.chemlink.com

Product Description

BARR FP™ is a high quality, moisture curing elastomeric waterproofing and sealing material for use in repairing roof leaks, asphalt shingles, roof valley and seams, chimneys, flashings, and emergency roof repairs.

Emergency Repair

Remove all standing water and clean substrate. Temperatures should be above 30°F (-1°C) and rising. Cut nozzle and puncture inner seal to apply sufficient material for the repair. Firmly trowel material extending the patch a minimum of 4" past the repair area. This application should be considered a temporary repair until weather conditions allow for a more permanent repair can be made.

Regulatory Compliance

- Conforms to OTC Rule for Sealants
- Meets requirements of California Regs: CARB and SCAQMD
- Conforms to California Proposition 65
- Conforms to USDA Requirements for Non-food Contact

Green Standards:

- LEED 2.2 fo New Construction and Major Renovations: Low Emitting Materials (Section 4.1)
1 point for almost all applications
- NAHB Model Green Home Building Guidelines: 5 Global Impact Points
- VOC Content: less than 26 grams / liter ASTM D2369 EPA Method 24 (tested at 240°F / 115°C)



United States Patent Number 7,317,051

Advantages

- Solvent free, 100% solids will not shrink
- 30 minute skin over
- No outgassing on damp surfaces
- Bonds to green concrete

Color
Black

Packaging

- **10.1 oz Cartridges**
24 cartridges/carton 45 cartons/pallet
- **2 gallon pails**
60 pails/pallet
- **5 gallon pails**
36 pails/pallet
- **3.5 gallon pails & 50 gallon drums**
available by special order

Distributed by: **BEST MATERIALS LLC**
 Ph: 800-474-7570, 602-272-8128 Fax: 602-272-8014
www.BestMaterials.com Email: Sales@BestMaterials.com



Typical Uncured Properties		
Gun Grade	Zero Slump	ASTM C697
Viscosity	1,000,000 +/- 250,000 cP	Brookfield RVF, TF Spindle, 4 RPM 73°F (23°C)
Tack Free Time	50 minutes +/- 15	ASTM C679
Odor	Mild Amine Smell	Industrial Method

Typical Cured Properties		
Elongation at break	325% +/- 25%	ASTM D412
Shear Strength	90 psi +/- 5 psi	ASTM D1002
Low Temperature Flex	-20°F Pass 1/4 inch mandrel	ASTM D816
Shrinkage	No visible shrinkage after 14 days	
Service Temperature	-40°F to 200°F (-40°C to 93°C)	



Compatible Substrates*	
Concrete	Steel
Block and Brick	Aluminum
Stone	Galvanized Metal
Masonry	Isoboard
Plywood and OSB	EPDM Fleeceback
Untreated Wood	TPO Fleeceback
Fiberboard	PVC Fleeceback
Drywall	Densdeck
EPS (Extruded Polystyrene)	FRP (Fiber Reinforced Plastic)

**Test and evaluate to ensure adequate adhesion.*

Basic Uses
Above grade waterproofing
Below grade waterproofing
Roof Repairs
Sealing parapets
Lining gutters and valleys
Planter boxes
Lining condensation pans

Distributed by: [BEST MATERIALS LLC](http://BESTMATERIALS.LLC)
 Ph: 800-474-7570, 602-272-8128 Fax: 602-272-8014
www.BestMaterials.com Email: Sales@BestMaterials.com

Application Guidelines:

Concrete

Prior to application remove any residual contamination by mechanical abrasion, sand blasting or power washing. On green concrete, remove all release agents, friable and loose concrete. Dry all visible and standing water prior to applying **BARR FP**.

Metal

Prepare all metal to ensure maximum adhesion. Remove all rust, scale and residue by wire brushing to a bright metal sheen. Remove films, loose or inappropriate coatings and oils with an appropriate solvent such as alcohol.*

Wood

Wood should be clean, sound and dry prior to application. Allow treated wood to weather for six months prior to application. Remove all coatings and paint (or test for compatibility) to ensure proper bonding. Do not use on fire retardant lumber.

Priming

In most instances **BARR FP** will not require a primer. However, certain applications or substrates may require a primer to ensure a long lasting bond and weatherproof seal. It is the applicator's responsibility to determine the need for a primer. CHEM LINK recommends a primer be used for any application where prolonged immersion is anticipated. DO NOT USE AN ASPHALT PRIMER.

**CHEM LINK recommends that coated substrates be tested for adhesion prior to starting a project. Please contact Technical Services for specific application guidelines and recommendations.*

Storage

Store original, unopened containers in a cool, dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce shelf life. **BARR FP** will not freeze.

Shelf Life

Pouches are one year from date of manufacture when stored in standard conditions. High temperature and high relative humidity may significantly reduce shelf life. Pails have a shelf life of six months.

Caution

Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes immediately flush with water. Call a physician. Please refer to the MSDS for first aid information.

See www.chemlink.com for most current MSDS .

KEEP OUT OF REACH OF CHILDREN.

Application Instructions

Remove all dirt, oil, loose paint, frost and other contamination from all working surfaces with alcohol DO NOT USE petroleum solvents such as mineral spirits or xylene. Maintain **BARR FP** at room temperature before applying to ensure easy tooling. Test and evaluate to ensure adequate adhesion.

Clean-Up

Wet sealant can be removed using a solvent such as alcohol. Cured **BARR FP** can be removed by abrading or scraping the substrate.

Limitations

- In areas where prolonged chemical exposure is anticipated, contact Technical Services for recommendations.
- Allow treated wood to cure for six months prior to application per APA guidelines.
- Staining may occur on limestone and porous substrates. Test and evaluate before application.
- Do not store in elevated temperatures.
- Remove all coatings and sealers before application.
- Do not apply at temperatures below 30°F (-1°C).
- Do not use on surfaces to be painted.
- Do not use in tub and tile applications.



Distributed by: BEST MATERIALS LLC
Ph: 800-474-7570, 602-272-8128 Fax: 602-272-8014
www.BestMaterials.com Email: Sales@BestMaterials.com

Notes:

Read and ensure that the most up-to-date MSDS and technical guidelines are being followed. Proper use and application are the responsibility of the applicator. Direct any questions to Technical Services at 800-826-1681 prior to starting the project.

IMPORTANT NOTICE

Except where prohibited by law, CHEM LINK Products makes no warranties, expressed or implied, statutory or otherwise, including but not limited to, any implied condition or warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether this CHEM LINK Products material is fit for a particular purpose and suitable for user's method of application.

LIMITATIONS OF REMEDIES AND LIABILITY

If this CHEM LINK Products material is proved to be defective, the exclusive remedy at CHEM LINK Products' option shall be to refund the purchase price or replace the defective material. CHEM LINK Products shall not otherwise be liable for loss of damages, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including negligence, warranty or strict liability.

