

# Timeless Wood Care Products, Inc.

## Technical Data Sheet for Grip-Strip backer rod



### 1. Product Name

Grip-Strip backer rod

### 2. Manufacturer

Timeless Wood Care Products, Inc.  
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### 3. Product Description

Grip-Strip brand backer rod is a closed cell polyethylene backing material specifically designed for use in chinked style log structures.

### 4. Basic Use

Grip-Strip's primary use is to serve as a backing for elastomeric compounds in log homes. Grip-Strip is a non-absorbent compressible backer, and serves well as a depth control for chinking and caulking compounds.

Grip-Strip's unique trapezoid shape works well with most chinked style log homes. Unlike triangular rods, Grip-Strip will not push backer rod out when applied to the opposite side of the chink joint.

Grip-Strip is also unique in that it requires no adhesives or minimal use of staples to stay within the chink joint. Most extruded backer rods require use of spray tack or fasteners. Under normal use, Grip-Strip will not cause outgassing (blistering).

### 5. Limitations

Do not over compress backer when applying. Use product between -40 F to +200 F.

### 6. Product Features

Grip-Strip backer rod is a trapezoid shaped, closed cell, non-extruded, polyethylene backer rod. Average density is 2.3 lbs. per cubic foot. Available in the following size containers:

3/4"	1200 ft. and 500 ft.
1"	960 ft. and 360 ft.
1 1/4"	600 ft. and 240 ft.
1 1/2"	460 ft. and 200 ft.
2"	360 ft. and 160 ft.
2 1/2"	260 ft. and 100 ft.
3"	200 ft. and 80 ft.
3 1/2"	176 ft.
4"	144 ft.
5"	120 ft.
6"	96 ft.

### 7. Installation

Joint must be free of all contaminants, loose materials, dirt, oil, grease, and free from frost. To calculate the amount of Grip-Strip needed, multiply the length of the log wall by the amount of chink gaps in the wall. For example, a 30 foot long log wall that is 10 logs (nine gaps) high would require 270 feet of Grip-Strip (per side, if the structure is full log). Determine the size needed by inserting the smallest width of Grip-Strip into the gap. Press the backer into the joint until a snug fit is

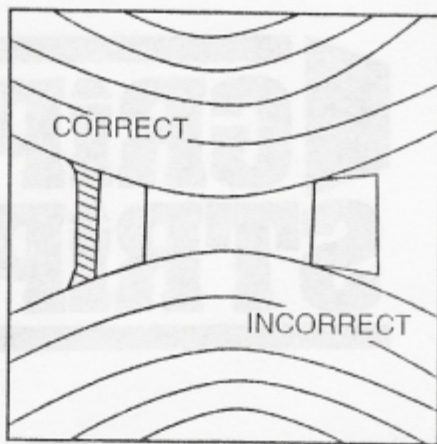


diagram A

achieved (diagram A). When installing Grip-Strip into a joint with knots, or in corners, the material may be easily cut to accommodate the particular situation.

## 8. Maintenance

No maintenance is needed when applied correctly

## 9. Warranty

Unless otherwise agreed to in writing, product is sold without warranty. Timeless Wood care Products, Inc. assumes no liability for incidental or consequential damages.

## 10. Technical Support

Contact Timeless Wood Care Products, Inc. for technical guidance or other information.

Physical Properties	Test Method	Direction	Value
Density	ASTM D 3575, Suffix W, Method B	N/A	2.3 pcf
Compression Set	ASTM D 3575, Suffix B	Vertical	< 20%
Compressive Creep @ 2.5 psi (1000 hr/72 F)	ASTM D 3575, Suffix BB	Vertical	< 10%
Compressive Deflection @ 10%	ASTM D 3575, Suffix D	Vertical	7 psi
		Extruded	7 psi
		Horizontal	7 psi
@ 25%		Vertical	9 psi
		Extruded	9 psi
		Horizontal	9 psi
@ 50%		Vertical	17 psi
		Extruded	17 psi
		Horizontal	17 psi
Thermal stability (linear Change)	ASTM D 3575, Suffix S	N/A	< 1%
Thermal Conductivity		Vertical	0.4 Btu-in./hr-ft squared-F @ 75 F
Water Absorption	ASTM D 3575, Suffix L	N/A	< 0.2 lb/sq ft
Buoyancy		N/A	58 lb/cu ft
Tensile Strength @ peak	ASTM D 3575, Suffix T	Average	45 psi
Tensile Elongation (linear Charge)	ASTM D 3575, Suffix T	Average	50%
Tear Strength	ASTM D 3575, Suffix G	Average	15 lb/in

Grip-Strip is a registered trademark of Timeless Wood Care Products, Inc.