



## Snow Rail Systems for Slate & Tile Roofing

### Two Pipe Systems



#### **FR124ML**

Bracket is solid zinc plated cast iron  
Galvanized Steel Plate is 2" X 12"  
0.50" (id) Pipe, end caps and couplings sold separately

#### **FR124BRZ**

Bronze Castings  
Brass Plate 2" X 12"  
0.50" (id) Pipe, end caps and couplings sold separately

**Installation:** Install snow fence bracket parallel to, and approximately 24" to 36" from the eaves. The bracket should be spaced from 18" to no more than 36" apart, depending upon the pitch of the roof and the anticipated snow load. Recommended installation method is to use through bolts, with a backer plate on the underside of the roof deck. The use of thick wall galvanized or stainless steel pipe is recommended. Copper water pipe should not be used.

In moderate to high snow load situations, use the three-pipe system, or supplement the Model FR 124 with individual field array guards.



#### **FR121ML(W X L of plate)**

Bracket is solid zinc plated cast iron  
Galvanized steel base plate is custom sized  
0.50" (id) Pipe, end caps and couplings sold separately

#### **FR122BR(W X L of plate)**

Bracket is solid cast Bronze  
Brass base plate is custom sized  
0.50" (id) Pipe, end caps and couplings sold separately

**Installation:** Install snow fence bracket parallel to, and approximately 24" to 36" from the eaves. The brackets should be spaced from 18" to no more than 42" apart, depending upon the pitch of the roof and the anticipated snow load. Recommended installation method is to use through bolts, with a backer plate on the underside of the roof deck. The use of bronze, brass, or stainless steel pipe is recommended. Copper water pipe should not be used.

In high snow load situations, use a three-pipe system, or supplement the Model FR122 with individual field array guards.

### Three Pipe systems



**FR131ML**(W X L of plate)  
Bracket is solid zinc plated cast iron  
Galvanized steel base plate is custom sized  
0.75" (id) Pipe, end caps and couplings sold separately

**FR132BR**(W X L of Plate)  
Bracket is solid cast Bronze  
Brass base plate is custom sized  
0.75" (id) Pipe, end caps and couplings sold separately

**FR231 & 232**

231 - Heavier cast aluminum plate, than FR131  
232 - Heavier cast bronze plate than FR132

### Other Two and Three Pipe Systems



**FR521/531 & 522/532**  
Aluminum and Bronze Casting for **Spanish tile**  
Matches Ludowici tile.  
Two Lengths available  
18" long – 532L  
12" long – 532 S

**FR621/631 & 622/632**  
Aluminum and Bronze Casting for **French tile**  
Matches Ludowici tile.

**FR821/831 & 822/832**  
Aluminum & Bronze Castings

Matches Designer tile

**FR921/931 & 922/932**

Aluminum & Bronze Castings

For Mission Tile Roofing

**Installation:** Install snow fence bracket parallel to the eave, spacing the brackets from 24” to no more than 48” apart, depending upon the pitch of the roof and the anticipated snow load. Install brackets approximately 24” to 36” from the roof edge.

Recommended installation method is to use through bolts, with a backer plate on the underside of the sheathing. The use of bronze, brass or stainless steel pipe or rod is recommended. Copper water pipe is NOT recommended.

In high snow load, and a rafter of over 25’, a second row of fence is recommended. As an alternative, or in areas where ice slides are possible, supplement the fence system with an array of spike or pad style snow and ice guards.

Warranty: Berger Building Products, Inc (BBPI) warrants that the products it manufactures shall be free from material defects. Should any of the products prove defective, the obligation of BBPI under this warranty shall be limited to replacement of the defective product or at our option the cost of the product originally shipped by Berger. This warranty is expressly in lieu of all other warranties expressed or implied including the warranties of merchantability and fitness for a particular purpose. There are no warranties, which extend beyond the description on the face hereof. BBPI in no event, whether claim is based on warranties, contract negligence or otherwise, is liable for incidental or consequential damages. Berger Building Products, Inc (BBPI) will not be responsible for misapplication or modification of product, incorrect material or defects that were obvious at time of installation. Any consequential damage, schedule delays, additional labor, and or equipment rental costs will not be BBPI responsibility. Any BBPI product warranty claim is limited solely to Berger Building Products, Inc.

**Our Technical Services can provide a spacing recommendation upon receipt of a roof plan, showing rafter lengths, and necessary elevations for roof pitch.**

**Please forward any questions to:**

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