



Red Shield Pipe Support System

DESCRIPTION:

The Firestone Red Shield Pipe Support System is a custom designed system to be used to support piping, ductwork, elevated walkways and Telecommunication Platform Systems on completed roofs. The Red Shield Pipe Support System is designed for installation without roof penetrations, flashing or damage to the roofing material. The system can be used on virtually any roofing system from flat roofs to roofs sloped up to 2 in 12. The system shall consist of bases, made of high-density polypropylene plastics with UV Protection, a HDG (Hot-Dipped Galvanized) structural steel frame and suitable pipe hangers for the application. Nuts, threaded rods and washers shall be HDG; spring nuts and bolts for spring nuts shall be electroplated. Seismic and High Wind applications are available for systems.

METHOD OF APPLICATION:

Refer to the Red Shield Pipe Support System Application Instructions.

PRODUCT DATA:

<u>Property:</u>	<u>Minimum Performance:</u>
Base:	
Base Material:	Injection molded high density/high impact polypropylene with UV-Inhibitors and Antioxidants.
Base Color:	Black
Base Density:	55.8 lb/cu ft (894 kg/cu m)
Carbon Steel And Stainless Steel Framing:	
Strut types:	1-5/8" (41.3 mm) or 1-7/8" (47.6 mm) as required by loading
Form:	Roll-formed 3-sided or tubular shape, perforated with 9/16" (14.3 mm) holes at 1-7/8" (47.6 mm) centers on three sides
Thickness:	12 gauge (2.7 mm)
Carbon Steel Finish:	Hot dip galvanized per ASTM A 123
Stainless Steel Finish:	Mill Finish

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PRODUCT DATA

Pipe Supports And Hangers:

Material:	Either carbon steel or stainless steel
Sizes 2-1/2" (63 mm) And Larger:	Single roller supports for piping subject to expansion and contraction; 3-sided channels and pipe clamps
Sizes 3" (76 mm) And Larger:	Rollers, clevis hangers or band hangers to allow for expansion and contraction without movement of the bases or framing

Accessories: Clamps, Bolts, Nuts, Washers, etc.

Material:	Carbon steel or stainless steel
Carbon Steel Finish:	Hot-dip galvanized per ASTM A 153/A 153M
Stainless Steel Finish:	Mill finish

NOTE: For mechanical fastening to deck: On wood and steel decks, use bolts with toggle wings; on concrete decks use threaded rods and adhesive anchors, with rod embedded at least 1-3/4" (44 mm) into concrete.

STORAGE:

Store in original unopened containers under cover until needed for installation.

LEED INFORMATION:

Frame/Steel	
Post Consumer Recycled Content:	0%
Post Industrial Recycled Content:	25%
Manufacturing Location:	Highland, IL

Base Material

Post Consumer Recycled Content:	80%
Post Industrial Recycled Content:	20%
Manufacturing Location:	Troy, AL

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