

PRODUCT DATA SHEET

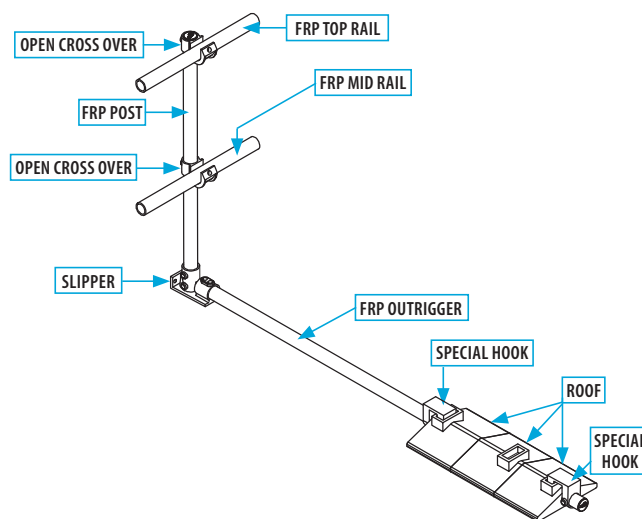
AVAILABLE THROUGH
TREMCO
ROOFING & BUILDING MAINTENANCE

Fibergrate
Composite Structures
Building the World to Last™

DYNAROUND RG™ (ROOF GUARD)

Fibergrate's ballasted rooftop guardrail system, DynaRound RG™, is designed for safety and fall protection on rooftop applications. Each system is made of durable, weather-resistant fiberglass reinforced plastic (FRP) composite uprights and non-FRP counterbalance weights and connector components. This system meets applicable safety standards in the U.S. and Canada to protect people working at heights.

DynaRound RG provides the utmost in safety by protecting against injuries or death from accidental falls from the roof. This system will help you meet OSHA regulations 1910.29(b) (1) through (b)(7) for unprotected sides and edges. This system also meets Section 4.1.5.14(1)(b) of the 2015 National Building Code of Canada. It offers superior protection around rooftop mechanical equipment that is within 10 feet of a roof edge, enabling your roof to comply with provision 1015.6 of the International Building Code. The counterweight system means there is no drilling into the roof to attach the system. This eliminates any damage to the roof that could result from the drilling, including potential sources of leaks.



BENEFITS



Lightweight: Fibergrate FRP products lessen impact on rooftop installations, reduce installation time, can eliminate the need for heavy lifting equipment, and reduce shipping costs.



Long Service Life: Fiberglass products provide outstanding durability and corrosion resistance in demanding applications, providing improved product life over traditional materials.



UV Resistant: UV Inhibitors in the resin matrix, along with a synthetic surfacing veil, provide optimum protection from the effect of UV weathering. In addition, the FRP rails, posts, and outriggers have an additional UV coating suitable for intense UV exposure.



Low Install Cost: Prefabricated FRP components and connectors using set screws for assembly eliminate drilling and almost all field cutting for a rapid, clean installation.



Corrosion Resistant: Fibergrate® fiberglass products are known for their ability to provide corrosion resistance in the harshest environments.



Low Maintenance: The corrosion resistant properties of FRP are easy to clean and reduce or eliminate the need for sandblasting, scraping and painting.

SPECIFICATIONS

Safety Ratings

OSHA Requirements:

- 1926.501(b)(1)
- 1926.502(b)
- 1910.28(b)(1)
- 1910.29(b)

CAL/OSHA Requirements:

- 3210
- 3212
- 1620
- 3209

IBC 2015 Requirements:

- 1015.3
- 1015.4.4
- 1015.7
- 1607.8.1
- 1607.8.1.1
- 1607.8.1.2

National Building Code of Canada 2015

- 4.1.5.14
- 9.8.8.2

OH&S

- R.R.O. 1990, Reg. 851, s. 13 & 14

Materials of Construction

Rails, posts, and outriggers:

- VEFRR (Vinyl ester resin system with a flame spread of 25 or less for dependable resistance to both acidic and alkaline environments)

Fittings and Counterbalance Weights:

- Galvanized, cast iron connectors with set screws
- Protective, durable rubber pads on parts that contact roof surface

Size

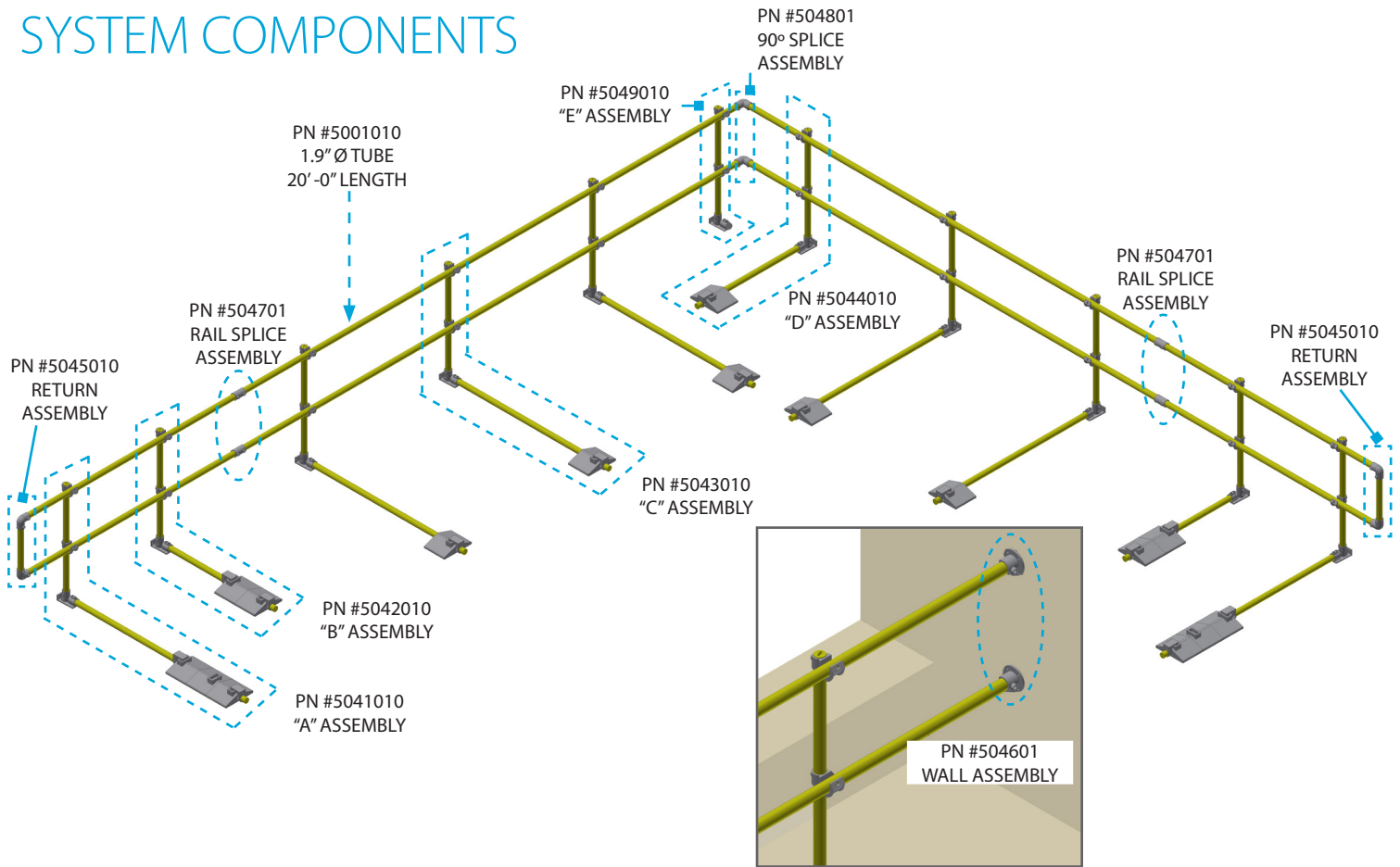
- 1.9" O.D. Pultruded Round Tube

Colors

Yellow with UV Coating

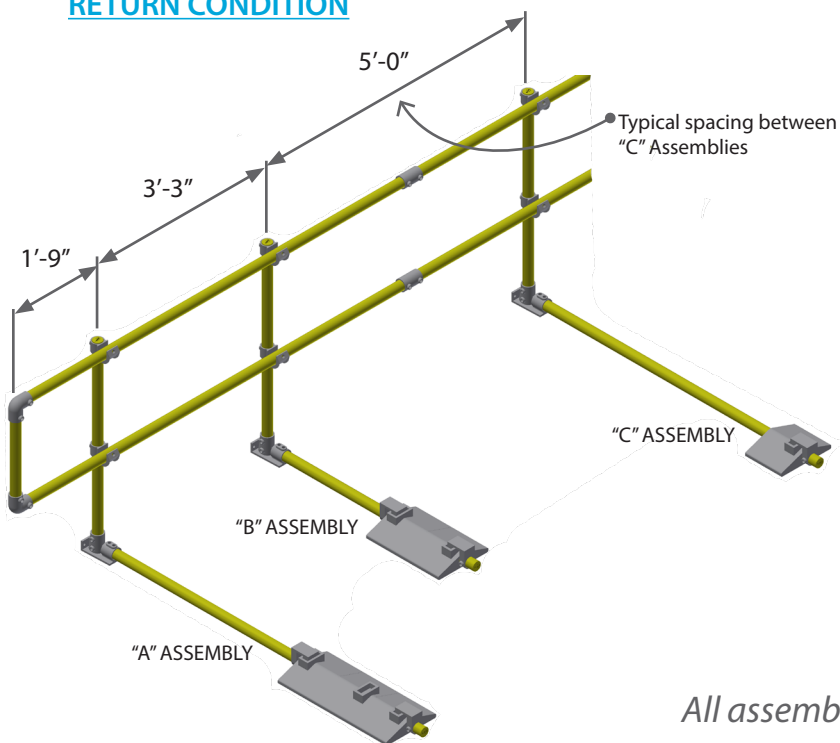
Light Gray with UV Coating

SYSTEM COMPONENTS

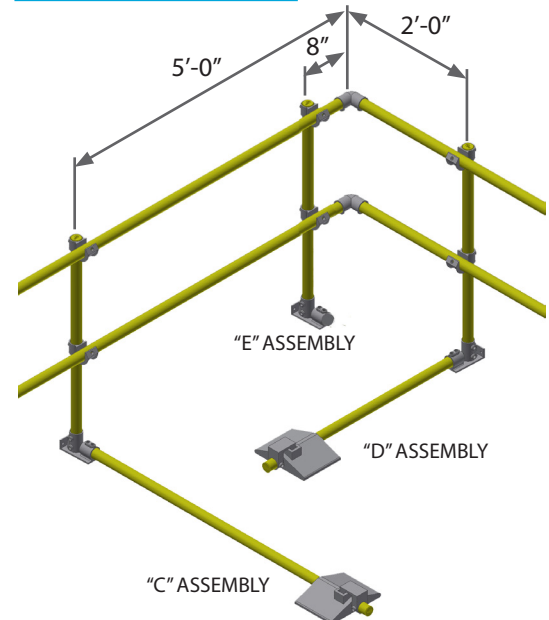


TYPICAL SPACING FOR ASSEMBLIES

RETURN CONDITION



CORNER CONDITION



All assembly details can be found on the next page.

PRODUCT DATA SHEET

ASSEMBLY DETAILS

"A" ASSEMBLY ITEM #5041010		
Weight = 147 lbs		
DESCRIPTION	QTY	PN #
Post	1	5040010
Open Cross Over	2	793201
Slipper	1	793206
Roof Weight	3	793208
Special Hook	2	793207
A Outrigger (Length: 73")	1	5041110

"B" ASSEMBLY ITEM #5042010		
Weight = 105 lbs		
DESCRIPTION	QTY	PN #
Post	1	5040010
Open Cross Over	2	793201
Slipper	1	793206
Roof Weight	2	793208
Special Hook	2	793207
B Outrigger (Length: 46-1/2")	1	5042110

"C" ASSEMBLY ITEM #5043010		
Weight = 65 lbs		
DESCRIPTION	QTY	PN #
Post	1	5040010
Open Cross Over	2	793201
Slipper	1	793206
Roof Weight	1	793208
Special Hook	1	793207
C Outrigger (Length: 66")	1	5043110

"D" ASSEMBLY ITEM #5044010		
Weight = 62 lbs		
DESCRIPTION	QTY	PN #
Post	1	5040010
Open Cross Over	2	793201
Slipper	1	793206
Roof Weight	1	793208
Special Hook	1	793207
D Outrigger (Length: 43")	1	5044110

"E" ASSEMBLY ITEM #5049010		
Weight = 15 lbs		
DESCRIPTION	QTY	PN #
Post	1	5040010
Open Cross Over	2	793201
Slipper	1	793206

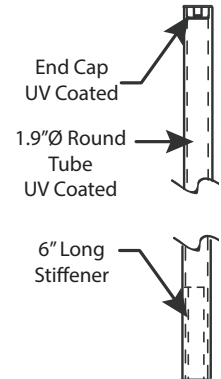
RETURN ASSEMBLY ITEM #5045010		
Weight = 6 lbs		
DESCRIPTION	QTY	PN #
Return (Length: 21-1/16")	1	5045110
Two Way Elbow	2	793125

WALL ASSEMBLY ITEM #504601		
Weight = 4 lbs		
DESCRIPTION	QTY	PN #
Base Flange	2	793131

90° SPLICE ASSEMBLY ITEM #504801		
Weight = 4 lbs		
DESCRIPTION	QTY	PN #
Two Way Elbow	2	793125

RAIL SPLICE ASSEMBLY ITEM #504701		
Weight = 3 lbs		
DESCRIPTION	QTY	PN #
Sleeve Joint	2	793149

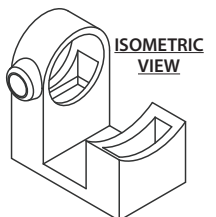
**PN #5040010
POST
(Length=42-1/8")**



**PN #793201
OPEN CROSS OVER**

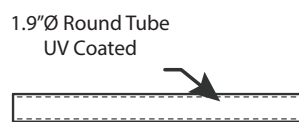


**PN #793207
SPECIAL HOOK***

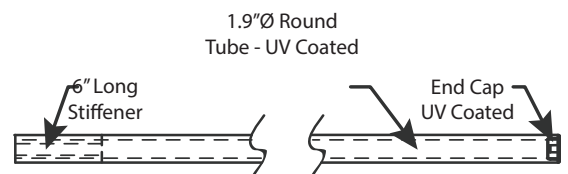


*Shown upside down

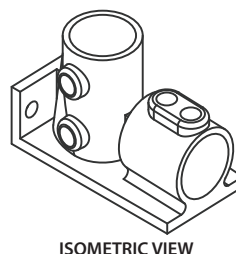
**PN #5045110
RETURN (Length = 21-1/16")**



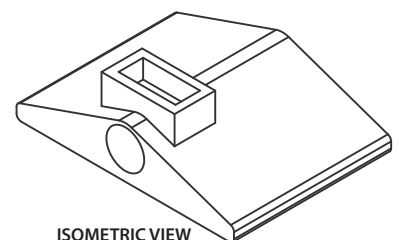
**OUTRIGGER -
SEE EACH ASSEMBLY DETAIL
FOR PN# LENGTHS**



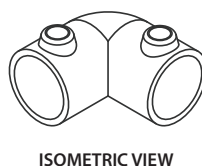
**PN #793206
SLIPPER**



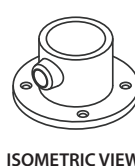
**PN #793208
ROOF WEIGHT**



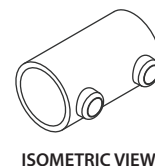
**PN #793125
TWO WAY ELBOW**



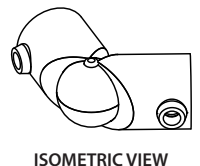
**PN #793131
BASE FLANGE**



**PN #793149
SLEEVE JOINT**

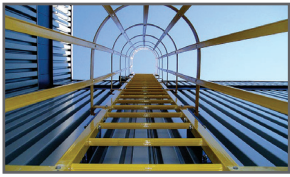


**PN #793126
SWIVEL ELBOW**



ADDITIONAL SAFETY SOLUTIONS

AVAILABLE THROUGH
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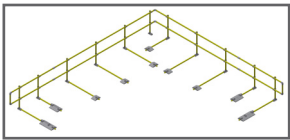
FRP DYNARAIL® SAFETY LADDERS

DynaRail® Safety Ladder Systems combine a corrosion resistant, low maintenance design to ensure a long life cycle. Ladder rungs include heavily serrated flutes for slip resistant footholds that are easy on the hands while ensuring safety. Our system is designed and manufactured to be easily installed with no guesswork involved. Components are lightweight and easy to fabricate, which saves you on labor and equipment. UV inhibitors in the resin along with a secondary UV coating maximize protection from the effects of UV weathering. The Dynarail safety ladder system meets or exceeds all OSHA requirements.



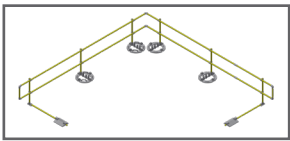
DYNAROUND HATCH GUARD

DynaRound Hatch Guard provides a non-penetrating guard solution for safe entry and exit through roof access hatches. The adjustable self-closing gate prevents accidental entrance when hatch is open. The DynaRound Hatch Guard mounts directly to the roof hatch with a compression fit design so no drilling is necessary, which means the rooftop waterproofing system is not compromised.



DYNAROUND RG™ (ROOF GUARD)

DynaRound RG™ Roof Guard ballasted rooftop guardrail system is designed for safety and fall protection on rooftop applications. Each system is made of durable, corrosion-resistant fiberglass reinforced plastic (FRP) composite uprights and non-FRP counterbalance weights and connector components. DynaRound RG provides the utmost in safety by protecting against injuries or death from accidental falls from the roof. This system meets all applicable safety standards in the U.S. and Canada to protect individuals on rooftop surfaces.



DYNAROUND RG SLIMLINE™ (ROOF GUARD)

Fibergrate's ballasted rooftop guardrail system, DynaRound RG Slimline™, provides safety and fall protection on rooftop applications with fewer counterbalance bases than DynaRound RG. Similar to our DynaRound RG system, each Slimline system is made of durable, weather-resistant fiberglass reinforced plastic (FRP) composite uprights and rails, galvanized steel base weights, and galvanized connector components. This system meets applicable safety standards in the U.S. and Canada to protect people working at heights.



DYNAWEIGHT FALL PREVENTION SYSTEM

DynaWeight Fall Protection System is the perfect solution for fall protection when circumstances require non-penetrating versatility. This system is tested and approved for use on flat rooftop surfaces (single ply, BUR, concrete, modified bitumen membranes, AlphaGuard™ BIO, AlphaGuard™ MT/MTS, and AlphaGuard™ PUMA), with a maximum incline of 5 degrees. It provides tie off options for two people if used for fall restraint or one person for fall arrest; sets up quickly and is easy to move. The DynaWeight Fall Protection System is corrosion resistant and meets all applicable safety standards in the U.S. and Canada to protect individuals on rooftop surfaces.



DYNAROUND WARNING LINES

DynaRound Warning Lines available in a heavy and light duty design. Our heavy-duty warning line systems can be used as a permanent warning system with heavy-duty galvanized base plates, plastic coated steel cable, and plastic pennants. The heavy-duty stanchions and bases are designed to withstand years of use. The standard system includes three stanchions, three bases, and 100' feet of plastic coated steel cable with flags. Our light duty warning line system can be used as a temporary warning system. This system includes three folding stanchions, 100' of nylon flagged line. Both systems meet all applicable safety standards in the U.S. and Canada to protect individuals on rooftop surfaces.



CORVEX® MOLDED GRATING WITH RUBBER FEET

Molded Walkway Grating is made with a unique Corvex resin system that outperforms many competitive fiberglass and metal products. Our molded grating is corrosion resistant, lightweight, slip resistant, and easy to install. Specially designed rubber feet can be added to molded grating, elevating it 1/2" above the surface, offering an economical raised walkway solution for use around maintenance equipment, machines, wet areas, and rooftop walkway areas.



CROSSOVERS

Our FRP Crossovers are pre-engineered and both corrosion- and slip-resistant. Available in a variety of heights that address most standard clearances, these Crossovers provide a cost-effective, safe solution over many rooftop obstructions. Crossover systems create a safe working environment, are lightweight, easy to install and designed to meet all applicable safety standards in the U.S. and Canada.

All Fibergrate Roof Top Safety Solutions are available through Tremco Roofing and Building Maintenance



Phone: 800-852-6013



www.tremcoroofing.com



SafetySolutions@tremcoinc.com

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