

DynaRound Slimline Warning Lines

INSTALLATION INSTRUCTIONS

Installation instructions are for:

- PN 5041800 - DynaRound Slimline Warning Line Kit – 100 ft (30.5 m) Yellow**
- PN 5041802 - DynaRound Slimline Warning Line Kit – 100 ft (30.5 m) Light Gray**

Additional parts may be purchased for custom installations:

- PN 5041810 - DynaRound Slimline Warning Line Post Assembly Yellow**
- PN 5041812 - DynaRound Slimline Warning Line Post Assembly Light Gray**
- PN 793109 - DynaRound Slimline Warning Line Flag Assembly – 100 ft (30.5 m)**

Tool List:

- Socket Set with extensions – SAE (inches)**
- Open End Wrench Set – SAE (inches)**
- Marker or Pencil**
- 25-foot tape measure**
- Tools to Cut 1/8" coated wire rope (if needed to shorten Flag Assembly)**

Warnings and Intended Use:

1. The DynaRound Slimline Warning Line system is intended for use as a visual warning system only for installation on flat and low slope roofs (up to 1":12" slope) and is not intended to act as a guardrail.
2. The DynaRound Slimline Warning Line system is designed to be installed in compliance with the following OSHA regulations 1926.501(b)(10), 1926.502(f), 1910.28 (b)(8)(ii), and 1910.29(d); OH&S R.R.O. 1990, Reg. 851, s. 85 (b)(i); and Alberta OSHA 2009 Section 161. Any other use is not recommended and voids any warranties.
3. Verify the area where the warning line system is to be installed is capable of supporting the loads from the system. Full system weighs 350 lbs, with 117 lbs every 25'.
4. During the installation process, it is your responsibility to follow all OSHA fall prevention regulations.

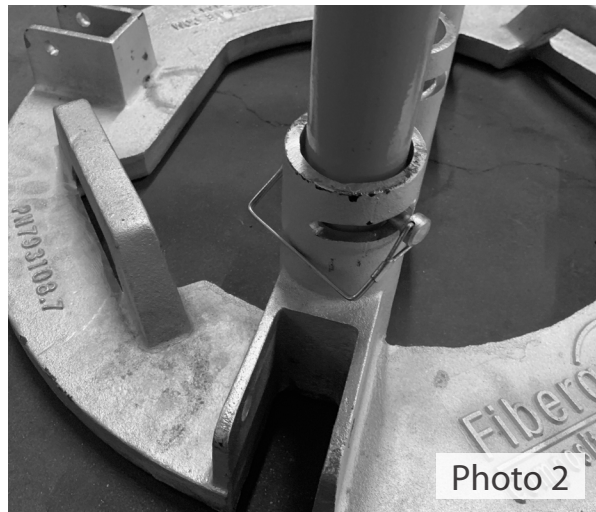
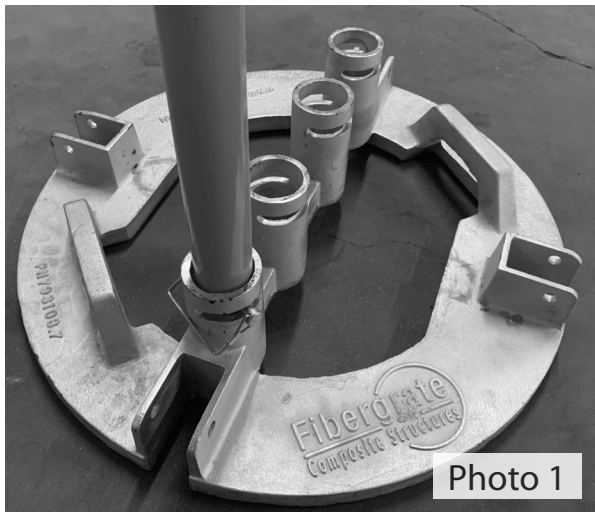
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1. Inspect and inventory all components of your Dynaround Slimline Warning Line order and compare to the packing list to verify that all materials are available for installation. Contact Fibergrate at 1-800-427-4043 to report missing material and obtain replacements.
2. Read these instructions thoroughly before attempting to install the Dynaround Slimline Warning Line system. Inspect the area where the warning line is to be installed and remove any debris or obstructions in the installation area prior to beginning work.
3. Lay out the warning line installation and mark the roof for the placement of the warning line post assemblies at a maximum spacing of 25 ft (7.62 m). To follow the OSHA regulations 1910.29(d)(3) and 1926.502 (f), the warning line must be erected not less than 6 ft (1.83 m) from the roof edge.

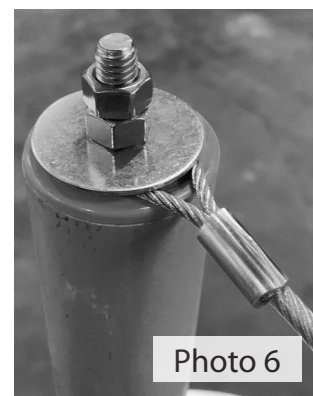
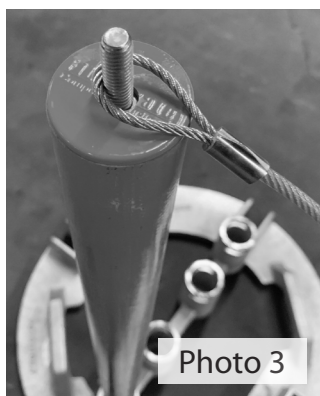


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4. Locate the first Slimline Base at the beginning of the warning line run. Position the base so that the line of post holes is perpendicular to the warning line run. Protect the roof surface against abrasion or damage as recommended by the roofing manufacturer. Place the additional Slimline Bases as laid out in step (3) until the layout is complete.
5. Install a single Slimline Warning Line Post in the hole of the Slimline Base closest to the walkway side of the warning line (photo 1). Secure the post in place with the lock pin and snap the lock wire around the pin to prevent it from working out of the hole. (photo 2)

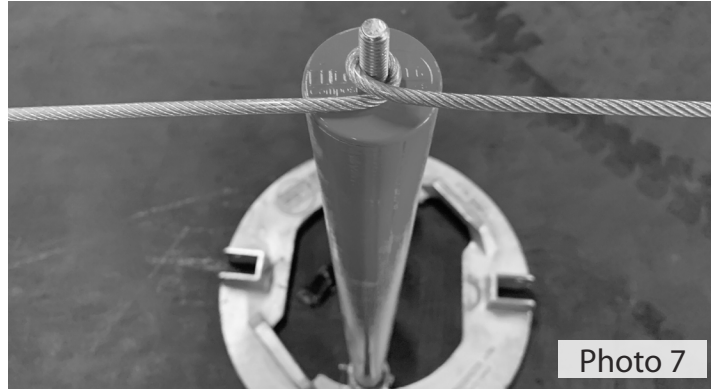


6. Begin the installation of the Warning Line Flag Assembly by placing the loop of the cable over the stud at the top of the first Warning Line Post. Clamp the cable loop to the stud using the fender washer and a 3/8" diameter nut. A second 3/8" diameter nut is provided as a lock nut. Torque the nuts only as required to secure the cable loop in place. (photos 3 - 6)



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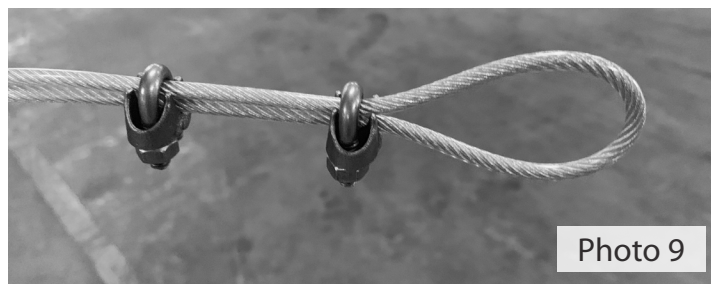
- At intermediate Warning Line Posts, wrap the cable of the Warning Flag Assembly around the stud, pulling the cable tight to ensure that it does not sag below 34 inches (864 mm) above the walking surface (photo 7). Clamp the cable loop to the stud using the fender washer and a 3/8" diameter nut. A second 3/8" diameter nut is provided as a lock nut. Torque the nuts only as required to secure the cable loop in place.



- Repeat step 7 until you reach the end of the Warning Line Cable Assembly. To splice on an additional Warning Line Cable Assembly, use the quick link provided to splice the ends of the Cable Assemblies together as shown in the photo (photo 8)

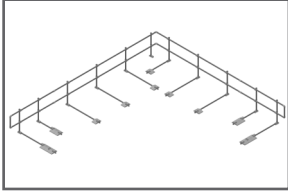


- If it is necessary to shorten the Warning Line Cable Assembly, form a loop at the location desired and install the two wire rope clamps provided as shown in the photo (photo 9). The excess cable can either be cut and discarded or coiled on the roof surface out of the way of foot traffic.



- After installation of the warning line, go back and tension the Warning Line Cable as required by minor adjustment of the base locations. Verify that the cable does not sag below 34 inches (864 mm) above the walking surface. Go back and check all fasteners for tightness
- The installed system should be inspected annually by a qualified inspector. The inspection should include checking for corrosion of the metallic fittings and inspecting the 1.9" (48 mm) diameter FRP tubes for signs of damage. Any corrective actions required by this inspector must be implemented immediately or the DynaRound Slimline Warning Line should be clearly tagged as unsafe for use. Written logs should be kept of every inspection and any corrective actions documented.

ADDITIONAL ROOF SAFETY SOLUTIONS by Fibergrate



DYNAROUND RG™ (ROOF GUARD)

DynaRound RG™ Roof Guard ballasted rooftop guardrail system is designed for safety and fall protection on roof top 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.



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, and modified bitumen membranes), with a maximum incline of 5 degrees. It provides tie off options for 2 people if used for fall restraint or 1 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 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.



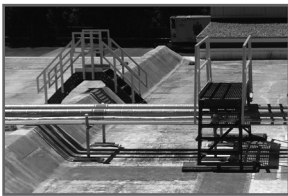
CORVEX® MOLDED GRATING WITH RUBBER FEET

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.



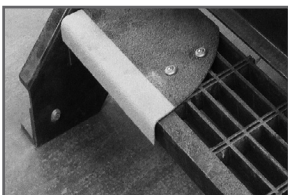
FRP DYNARAIL® SAFETY LADDERS

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 maximizes protection from the effects of UV weathering. The Dynarail safety ladder system meets or exceeds all OSHA requirements.



CROSSOVERS

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



STAIR SOLUTIONS

Fibertred® slip molded FRP stair treads can be used for both new or replacement steps. Treads are engineered to exceed OSHA and other model building code standards for safety, strength, durability and corrosion resistance. Fiberplate® stair tread covers are a convenient way to provide solid, slip resistant footing for existing wood, concrete, metal or FRP treads that are still structurally sound.



DYNAROUND WARNING LINES

DynaRound Warning Lines are 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 3 stanchions, 3 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.

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