

**FIRE STATION CLIMBER - FREESTANDING
#TFR05580XX
3-1/2" Vertical Post**

USER GROUP: 5-12 years

RECOMMENDED CREW: 2 people

TOOLS REQUIRED:

T-30 TORX Tool (supplied by manufacturer)

High Speed 3/8" Electric Drill *w/clutch*

NOTE: Use of any other driver may result in damage to tool and/or hardware!

INSTALLATION TIME: Approximately 2 hours

WEIGHT: 208 lbs.

CONCRETE REQUIRED: 12.56 Cubic Feet

NOTE: Concrete must have a minimum rating of 2,500 psi and must be mixed per manufacturer's recommendations.

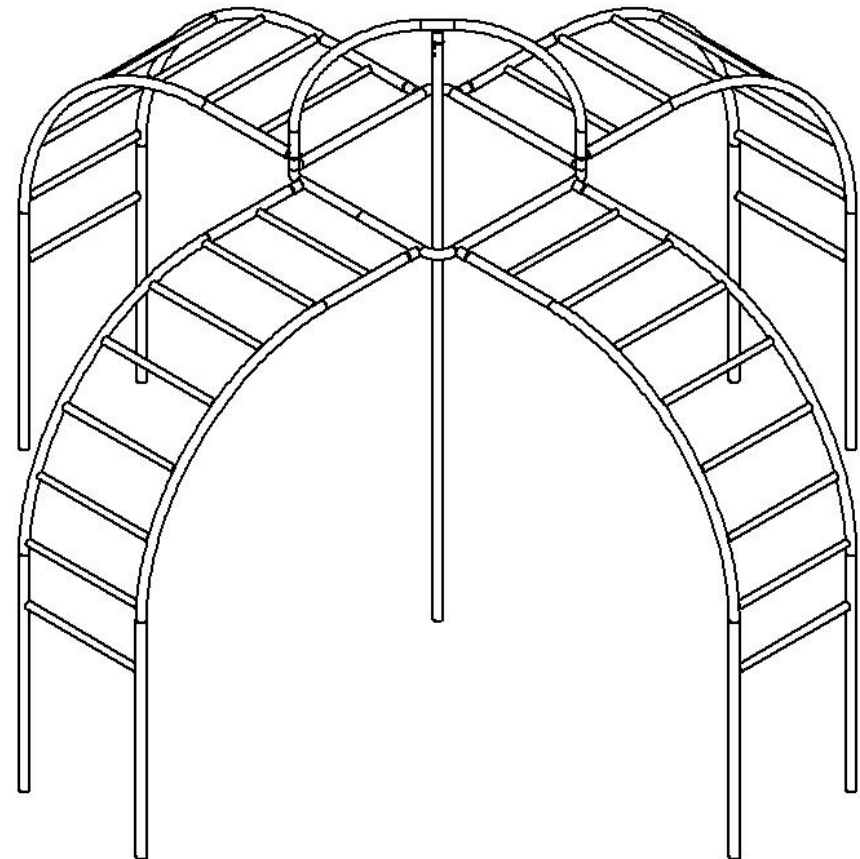
PRE-INSTALLATION CHECK:

Compare all items received to the packing list. Notify your local sales representative immediately if any parts are missing or damaged.

We are not responsible for items discovered missing after 72 hours from time of delivery!

Before beginning installation, make sure that you have read and understand the **Installation Introduction** manual that was supplied to you. If you did not receive a copy, or if you have a question regarding anything covered in this manual, contact your local sales representative.

**FIRE STATION CLIMBER - FREESTANDING
#TFR05580XX**



INSTALLATION GUIDELINES

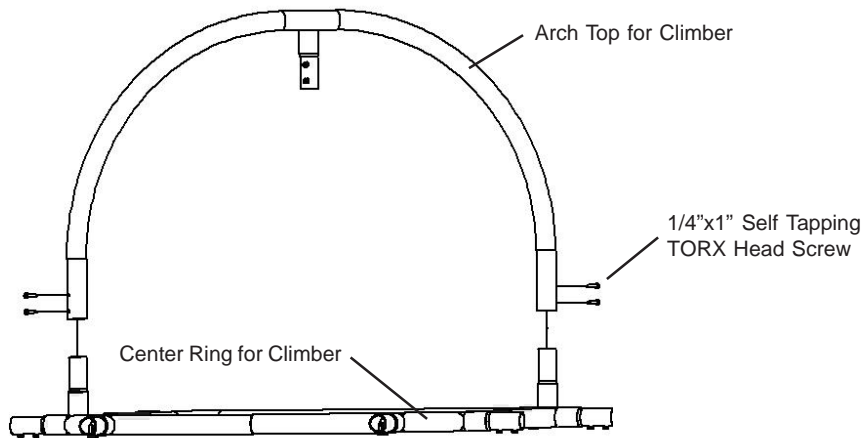
STEP 1

Refer to PLAN VIEW and FOOTING LAYOUT to locate position of log roll. Excavate footing holes as shown in FOOTING ELEVATION and FOOTING LAYOUT. Place a 2" spacer in bottom of each hole.

STEP 2

Select center ring for climber, arch top and four 1/4"x1" self tapping TORX head screws. Place arch top over center ring and secure with four TORX head screws as shown in Detail A.

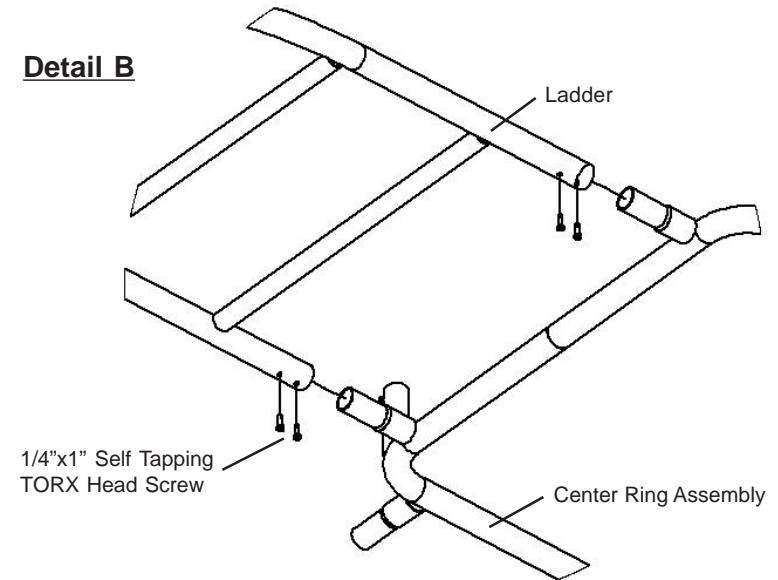
Detail A



STEP 3

Select four ladder pieces, sixteen 1/4"x1" self tapping TORX head screws and center assembly. Place ladder pieces in footing holes. One person should support the center assembly while the other attaches the ladder pieces using four self tapping screws per ladder piece (see Detail B). Once installed, the first ladder rung should be 12" above finished surfacing (see ELEVATION VIEW on page 4).

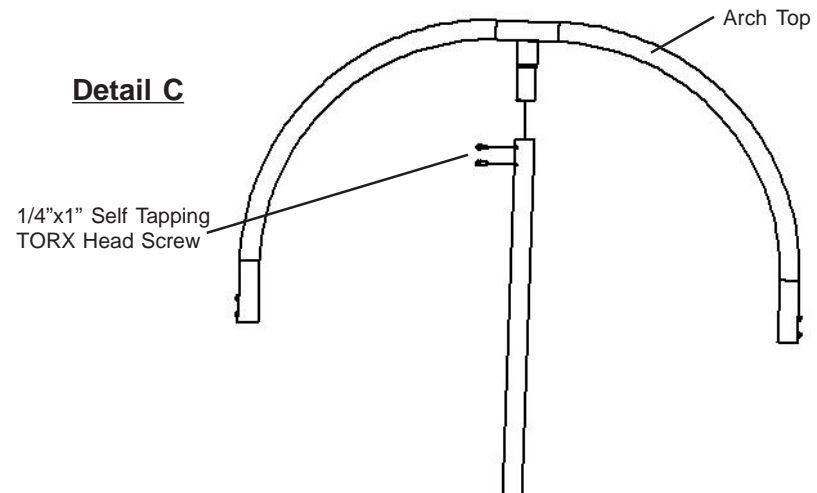
Detail B



STEP 4

Select climber pole and two 1/4"x1" self tapping TORX head screws. Slide pole over tip of arch top. Secure using self tapping screws (see Detail C).

Detail C



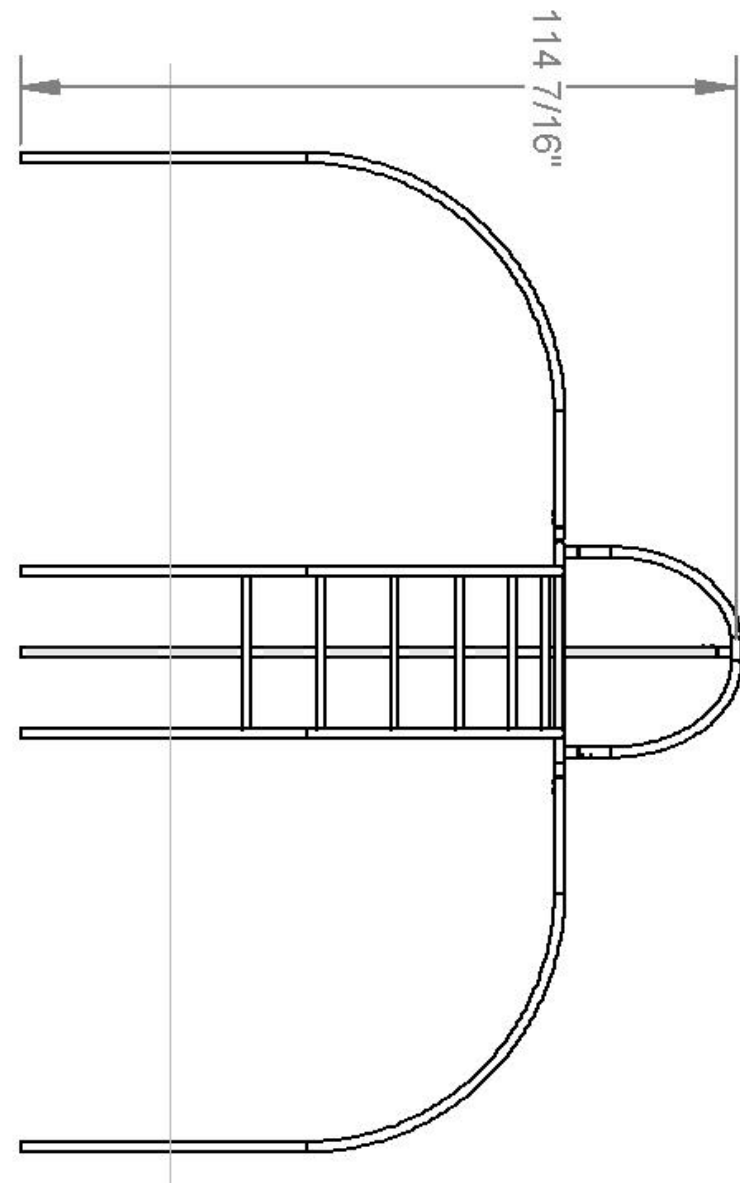
INSTALLATION GUIDELINES

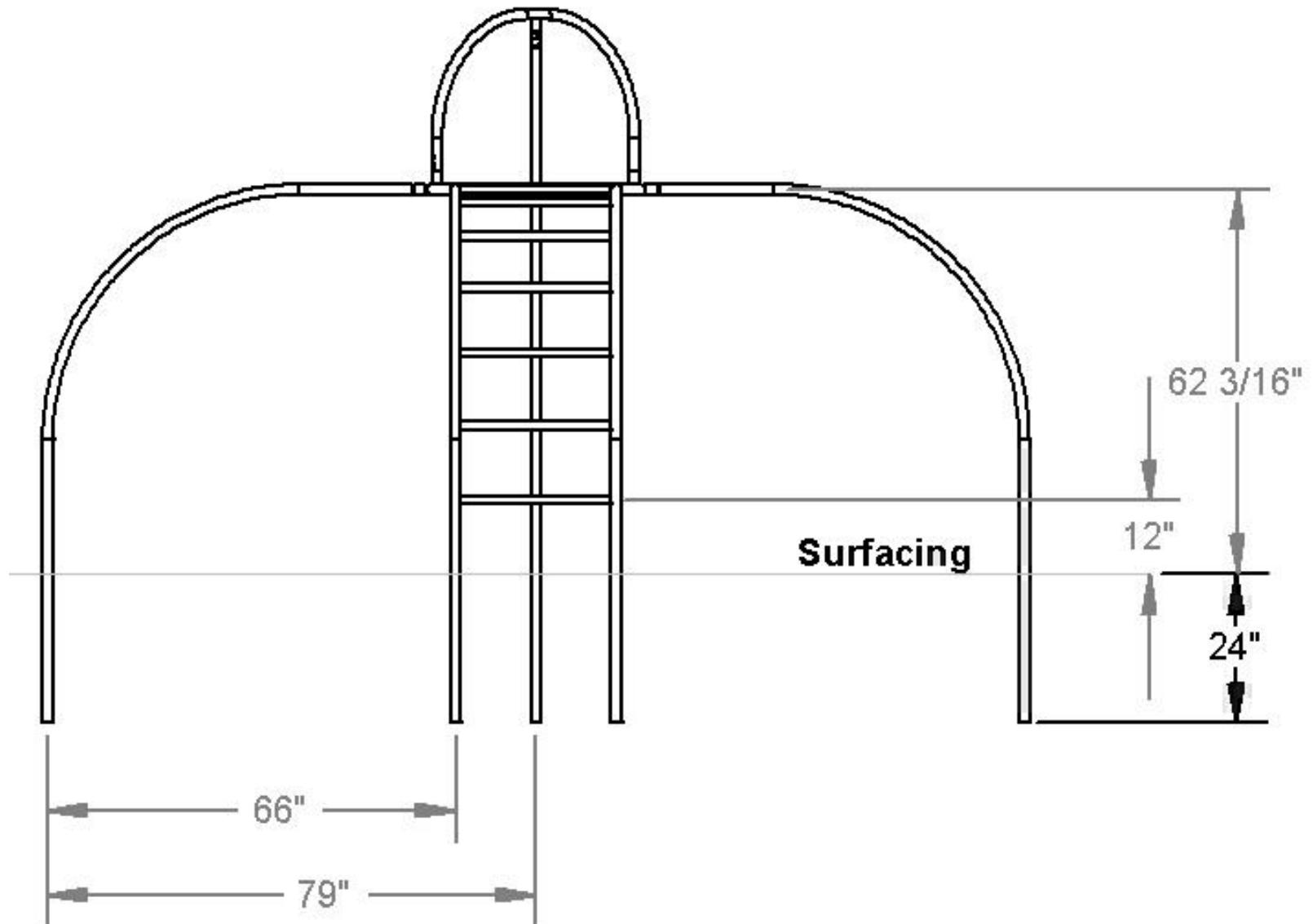
STEP 5

Verify that all hardware is secure and that climber is level and plumb. Make any necessary adjustments. Pour concrete in footings to correct level. **Allow concrete to dry for at least 48 hours before use!** Concrete must have a minimum rating of 2,500 psi and must be mixed per manufacturer's recommendations.

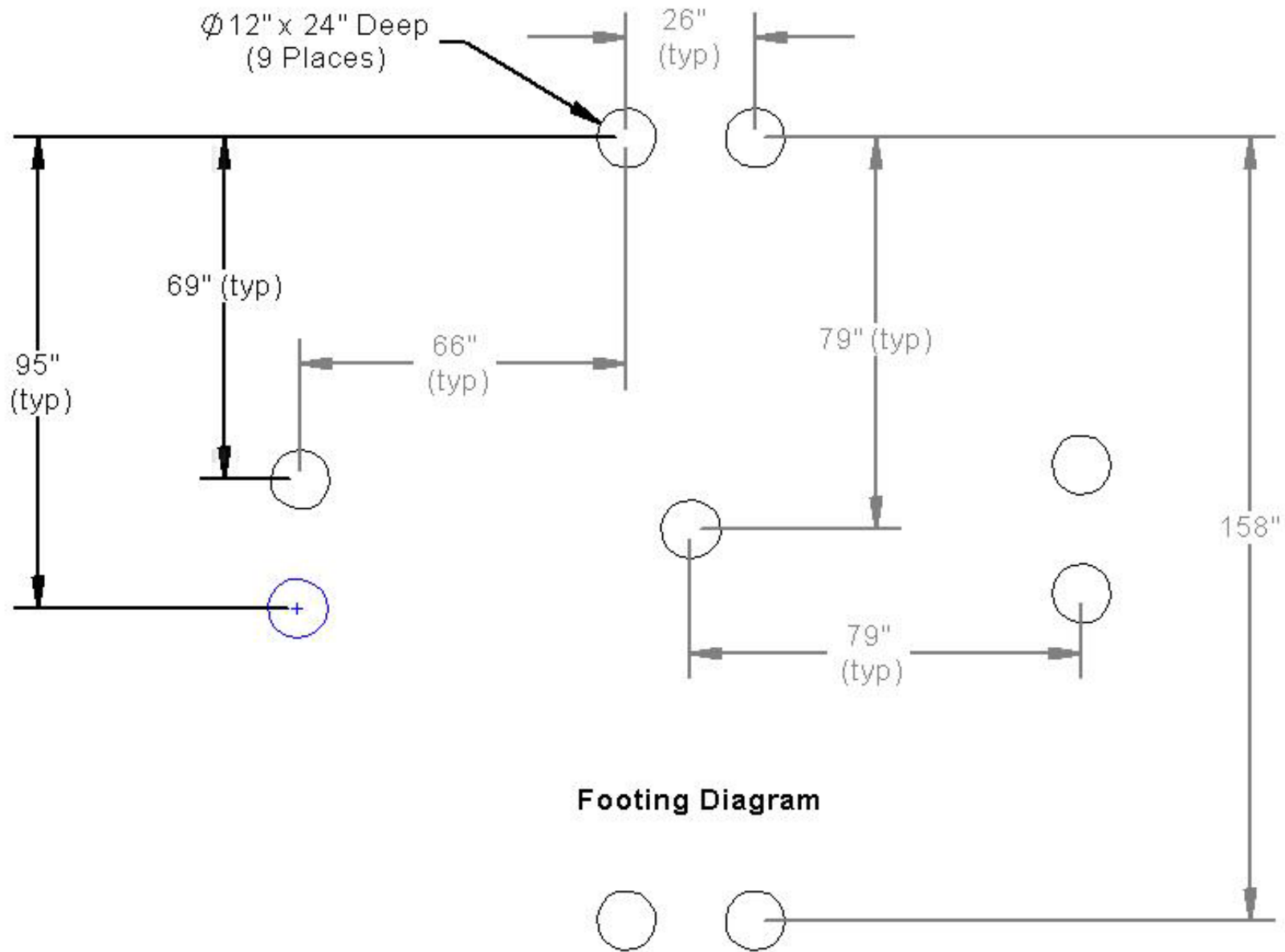
BILL OF MATERIALS PART/HARDWARE LIST

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	AFB45578XX	Wldmt. - Center Ring/ Fire Station Climber
2	1	AFB45579XX	Wldmt. - Arch Top / Fire Station Climber
3	4	AFB45577XX	Wldmt. - Fire Station Climber / Ladder
4	1	FAB35573XX	Fire Station Climber Pole
5	22	2080000192	Screw - 1/4" x 1" Self Tapping Torx w/Patch





ELEVATION DETAIL



PRODUCT SPECIFICATIONS

HARDWARE

- Type 304 (18-8) stainless steel
- Tamper resistant
- Special tool required for install

FIRE STATION CLIMBER RUNGS

- 1-1/4" O.D. round galvanized steel
- 14 gauge steel
- 50,000 psi yield strength (ASTM E-8)
- 55,000 psi tensile strength (ASTM E-8)
- Triple zinc coated undercoat
- Powder coat finish

FIRE STATION CLIMBER FRAME

- 1.66" O.D. round steel tube
- 13 gauge steel
- 50,000 psi yield strength (ASTM E-8)
- 55,000 psi tensile strength (ASTM E-8)
- Triple zinc coated undercoat
- Powder coat finish

PRETREATMENT WASH PRIMER

- 4860-420 primer / 1000-44 activator
- Polyvinyl-butyril resin based primer
- Used on all milled steel and all weld joints
- Designed to give adhesion to a wide variety of metal substrates
- Provides added metal protection against rust
- Imparts extra durability to topcoat (powder coat)
- When reduced properly, it meets the definition of a "pretreatment" primer found in many air quality regulations

POWDER COAT FINISH

- TGIC Polyester
- Electrostatic application
- Baked-on @ 400 degrees
- 5-7 mills thick
- Lead free
- High gloss
- No peel / No flake finish
- Resistant to salt spray (ASTM B117)
- Resistant to humidity (ASTM D2247)
- Direct/Indirect impact 120 in. pounds (ASTM D2794)
- Good to excellent resistance to most solvents, oils, acids and alkalies
- 13 color options