1. Getting Started
   • Be sure to call underground prior to digging
   • Assemble gates (if necessary) and decide where they will be located
   • Stake out the fence line
   • Space and mark post hole locations for gate and sections (spacer bar/template may be useful)
   • Start at gate end post and work outward to determine proper fence height relative to ground

2. Dig Holes
   • Dig holes 30" deep or to frost line
     - Hole size for 5 x 5 posts = approximately 12"
   • Clean holes and check for straight walls

3. Install First Post
   • Insert post in hole
   • Determine rough height
   • Fill hole around post with concrete mix (sand, gravel and cement) approximately 2" or 4" below grade
   • Tamp concrete in hole to eliminate air pockets
   • Level and square post
   • Fence may be installed post and bottom rails first, then upper rails

4. Install Rails
   • Tape the ends of any rail going into a post that is to be filled with concrete to prevent concrete seepage
   • Standard rails are supplied in 16 foot lengths
   • For rolling terrain, rails may need to be cut to 95-1/2"
   • The starting point for rails should be staggered from post to post for bottom/mid/top rail for maximum strength
   • Insert lock ring into one end of rail by depressing tabs, insert in rail end and release
   • Depress lock ring tabs to insert bottom rail in first post
   • Tabs will recoil to hold rail in post
   • If bottom rail is 16’ long, slide rail through second post and then insert post in ground
   • Insert lock ring in rail end, insert end into third post
   • When installing rails leave a 1" gap between rail ends inside post to allow for expansion

5. Support and Secure
   • Block up bottom rail to determine correct fence height
   • Fill holes around posts with concrete mix
   • Tamp, level and square
   • Fence assembly may be continued by installing all bottom rails first or one section at a time
   • To lower a post, place a wood block from corner to corner of the post and carefully tap with a mallet
   • Never strike the PVC post without a wood support

6. Crossbuck
   • Insert lock rings in diagonal rails and insert into each post
   • Note: Standard diagonal rails are cut to 97" to compensate for angle of install

7. Hang Gate/Install Hardware
   • For complete details, see gate installation instructions in hardware box
   • Position gate between posts
   • Allow 1-1/2" gap on hinge side of the gate and 1-1/4" on latch side to allow for the gate swing and hardware
   • Block up gate to square with fence; rails should be level
   • Gate hardware must be mounted to two sides of the post

8. Solidify Gate Posts
   • It is critical that gate hinge and latch posts are solid to ensure proper gate functionality. Two methods are available:
     A. Aluminum gate post stiffener
        - Slide aluminum gate stiffener inside hinge, latch or end posts
        - Drive a screw through the vinyl into the aluminum stiffener at the bottom of the post
        - Insert post into the ground
        - Fill hole with concrete around outside of post
     B. Concrete and rebar*
        - Use two pieces of 1/2” rebar in each hinge, latch and end post
        - Rebar should extend from the bottom of the hole to approximately 12” from the top of the post
        - Hold rebar in opposite corners of post with rebar separator clips
        - Fill post with concrete mix to cover rebar and hardware fasteners
        - Tamp post with a rubber mallet to eliminate air pockets
        - Leave gate on blocks for 72 hours to allow concrete to set

9. Install Caps
   • Install post caps by pressing in place inside post

* Caution – In climates that experience freeze-thaw cycles, this installation method could result in post cracking over time. This would not be covered by the warranty.
Post & Rail Fence

Includes: Crossbuck, 2-Rail, 3-Rail and 4-Rail

- Stagger rail ends for greater strength
- Post holes 5 x 5 posts = 12”
- Dig holes 30” deep or to frost line
- Post centers 5 x 5 posts = 96”
- Hold rails in post with lock rings, depress lock ring tabs, insert in rail and release
- Use (2) pieces of 1/2” rebar in hinge, latch and end posts. Position rebar in opposing corners of each post with rebar separator clips
- Insert aluminum gate post stiffener inside post for faster, cleaner installation
- Allow 1-1/2” gap on hinge side of gate and 1-1/4” on latch side of gate hardware
- Attach braces on both sides of gate in identical positions

POST SUPPORT OPTIONS:
1. Getting Started
   - Be sure to call underground prior to digging
   - Assemble gates (if necessary) and decide where they will be located
   - Stake out the fence line
   - Space and mark post hole locations for gate and sections (spacer bar/template may be useful)
   - Start at gate end post and work outward to determine proper fence height relative to ground
   - In climates where the temperature exceeds 100° Fahrenheit, we recommend installing Arctic Blend, Brazilian Blend, Sierra Blend and Weathered Blend products on 6’ post centers

2. Dig Holes
   - Dig holes 30” deep or to frost line
     - Hole size for 5 x 5 posts = approximately 12”
   - Clean holes and check for straight walls

3. Install First Post
   - Insert post in hole
   - Determine rough height
   - Fill hole around post with concrete mix (sand, gravel and cement) approximately 2” or 4” below grade
   - Tamp concrete in hole to eliminate air pockets
   - Level and square post
   - Fence may be installed post and bottom rails first, then upper rails

4. Install Rails
   - White product uses 1-1/2 x 5-1/2 rails
   - Arctic Blend, Brazilian Blend, Sierra Blend and Weathered Blend use 2 x 6 rails
   - Tape the ends of any rail going into a post that is to be filled with concrete to prevent concrete seepage
   - Standard rails are supplied in 16 foot lengths for White (12 foot rails for Blend products)
   - For rolling terrain, rails may need to be shortened
   - The starting point for rails should be staggered from post to post for bottom/mid/top rail for maximum strength
   - Insert lock ring into one end of rail by depressing tabs, insert in rail end and release
   - Depress lock ring tabs to insert bottom rail in first post
   - Tabs will recoil to hold rail in post
   - Insert lock ring in rail end, insert end into third post
   - When installing rails leave a 1” gap between rail ends inside post to allow for expansion

5. Support and Secure
   - Block up bottom rail to determine correct fence height
   - Fill holes around posts with concrete mix
   - Tamp, level and square
   - Fence assembly may be continued by installing all bottom rails first or one section at a time
   - To lower a post, place a wood block from corner to corner of the post and carefully tap with a mallet
   - Never strike the PVC post without a wood support

6. Hang Gate/Install Hardware
   - For complete details, see gate installation instructions in hardware box
   - Position gate between posts
   - Allow 1-1/2” gap on hinge side of the gate and 1-1/4” on latch side to allow for the gate swing and hardware
   - Block up gate to square with fence; rails should be level
   - Gate hardware must be mounted to two sides of the post

7. Solidify Gate Posts
   - It is critical that gate hinge and latch posts are solid to ensure proper gate functionality. Two methods are available:
     - A. Aluminum gate post stiffener
       - Slide aluminum gate stiffener inside hinge, latch or end posts
       - Drive a screw through the vinyl into the aluminum stiffener at the bottom of the post
       - Insert post into the ground
       - Fill hole with concrete around outside of post
     - B. Concrete and rebar*
       - Use two pieces of 1/2’ rebar in each hinge, latch and end post
       - Rebar should extend from the bottom of the hole to approximately 12” from the top of the post
       - Hold rebar in opposite corners of post with rebar separator clips
       - Fill post with concrete mix to cover rebar and hardware fasteners
       - Tamp post with a rubber mallet to eliminate air pockets
       - Leave gate on blocks for 72 hours to allow concrete to set

8. Install Caps
   - Install post caps by pressing in place inside post

*Caution – In climates that experience freeze-thaw cycles, this installation method could result in post cracking over time. This would not be covered by the warranty.
Includes: 2-Rail, 3-Rail and 4-Rail

- Stagger rail ends for greater strength
- Allow 1-1/2" gap on hinge side of gate and 1-1/4" on latch side of gate hardware
- Hold rails in post with lock ring. Depress lock ring tabs and release
- Insert aluminum gate post stiffener inside post for faster, cleaner installation
- Dig holes 30" deep or to frost line
- Dig holes 5 x 5 posts = 12"
- Dig holes 5 x 5 posts = 12"
- White 5 x 5 posts = 96"
- Arctic blend, Brazilian blend, Sierra blend, Weathered blend 5 x 5 posts = 72"
- Attach braces on both sides of gate in identical positions
- Post support options:
  - Use (2) pieces of 1/2" rebar in hinge, latch and end posts. Position rebar in opposing corners of each post with rebar separator clips
  - Post centers white 5 x 5 posts = 96"