

SLEEVE-IT

Product Data Sheet

Sleeve-It SD1 is the only patented fence-post anchoring system that integrates stable fence footings into the support structure of an SRW while it is being constructed. Sleeve-It is a pre-engineered below-grade system for enhancing the fence foundation stability in an SRW taller than 30". Uniquely designed for ease of installation, Sleeve-It also maximizes the useable real estate on top of the wall by eliminating the 36" offset requirement for rails and fences under IBC 1015.2.

COMPOSITION	
~95% Post-Consumer Recycled Polypropylene	

PROPERTIES	VALUE*	UOM
Total Unit		
Weight	7	pounds
Height	23.4	inches
Width	15.3	inches
Depth	30.6	inches
Volume	1.673	feet ³
Base		
Height	1.5	inches
Perforated Lid		
Lid Aperture	9.4 x 7.4	inches

*Values are nominal.

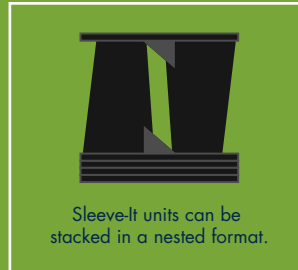
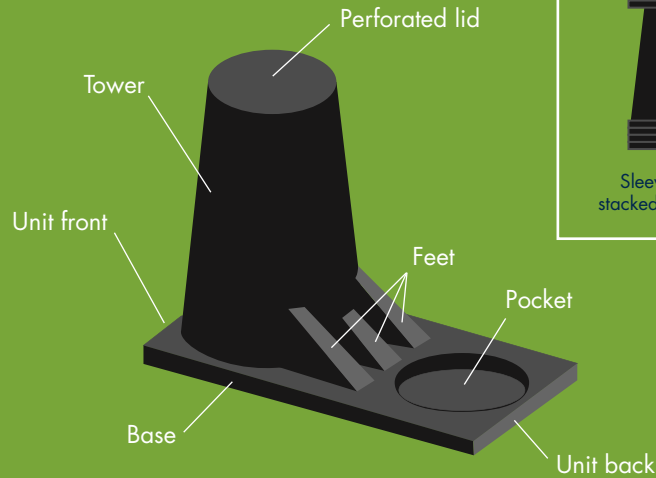


This information has been carefully compiled by Strata Systems, Inc., and to the best of our knowledge is accurate. Final determination of the suitability of any information or material is the sole responsibility of the user. Structural design shall be performed by a licensed design professional.

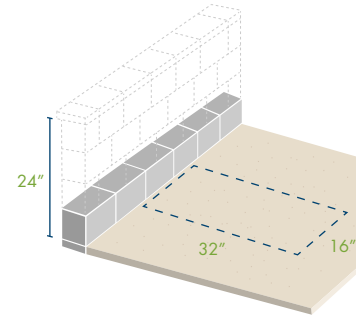
Revised 3/2018

INSTALLATION GUIDELINES

UNIT DIAGRAM

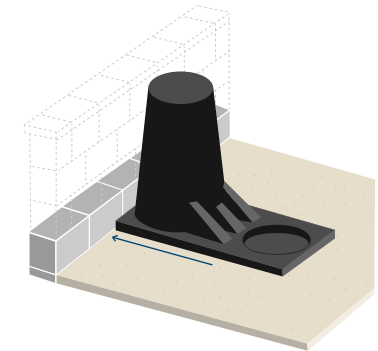


STEP 1 Surface Preparation



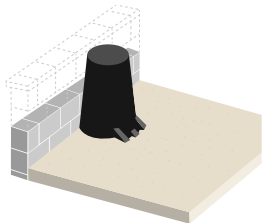
- Prepare a level surface area behind the wall face where the fence post is to be placed.
- The area should be approximately 16" wide by 32" deep.
- The elevation of the base of the Sleeve-It should be approximately 24" below the proposed top of the wall (not including the capstone).

STEP 2 Sleeve-it Placement

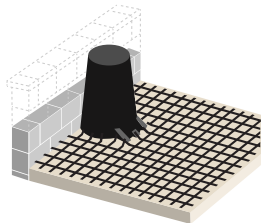


- Place the Sleeve-It unit on the level surface in an upright position with the front edge of the unit flush against the back of the wall.
- Multiple units should be spaced in accordance with fence specifications.

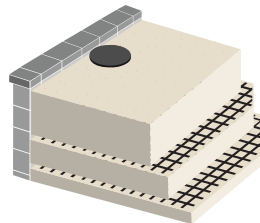
STEP 3 Backfilling Process



- Encapsulate and stabilize the Sleeve-It unit by placing and compacting sufficient backfill material layers as required.

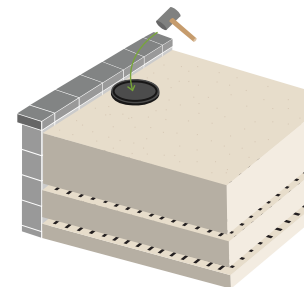


- If geogrid is required, slit the geogrid perpendicular to the wall face just enough to fit around the base of the unit while ensuring that the geogrid remains properly attached to the wall.



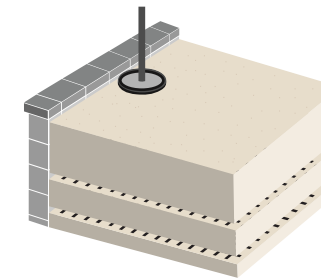
- Continue the backfilling process as directed until the material reaches the top of the tower.
 - Do not remove perforated lid until ready to place post.
 - Do not step on perforated lid, as this could cause serious bodily injury.

STEP 4 Lid Detachment



- Punch the perforated lid using a mallet or hammer to expose the inside of the Sleeve-It unit. Detached lids can be left inside the unit or discarded prior to pouring of infill material.

STEP 5 Post Placement



- Place post through the exposed area and rest on the flat ground surface area inside the Sleeve-It cavity.
- Ensure that the post is upright and level and hold in place while carefully pouring infill material, such as concrete, through the exposed cavity.
 - Follow guidelines specified by infill supplier.
 - Concrete is highly recommended as infill material.