MONARCH
Materials Group Inc.

QUARRY VIEW WINDOW WELL

Fiberglass Window Well

Window Well Installation Instructions

End User Notes: (Read the instructions completely before installing the well).

- Call 811 before you start digging to avoid accidental damaging of any underground service lines.
- Check with your building inspector for local code requirements.
- Gutters, down spouts, faucets on exterior walls, sprinkler heads, and sump pumps should be at least 10 feet away from window well. All water should be directed away from the well.
- Heavy equipment must stay at least 10 feet away from window well to prevent damage to fiberglass well from uneven loading. **Monarch Materials Group, Inc. is not responsible for any claims resulting from the failure of the Contractor or Homeowner to properly install or maintain Quarry View window wells.**
- Always inspect the window well carefully during installation to make sure it is maintaining the proper shape, unequal soil pressure can cause distortion of the well and put excessive pressure on the wall fasteners.

Materials & Tools Needed:

Warning: *Use protective eyewear.*

- Hammer drill.
- *Socket or nut driver*
- Masonry Anchors & Drill Bit.
- Marker

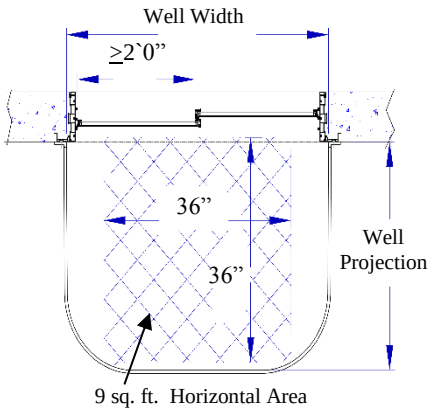
Wedge Anchor 3/8"x 2-3/4"

Tapcon® Screws Hex Head-washer 5/16"x 2-3/4"

Sleeve Anchor 3/8"x 1-7/16"

IRC Code:

- To meet *Egress* the horizontal area of the window well shall be not less than 9 square feet (0.9 m²), with a horizontal projection and width of not less than 36 inches (0.91 m). The area of the window well shall allow the emergency escape and rescue opening to be fully opened. Use a well with a minimum Width of 49" and a minimum Projection of 36" *or* larger to meet egress.



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Window Well Installation:

- Make sure the hole around the window is large enough to accommodate the window well with enough space to work around the well.
- Make sure the foundation wall is clean and free of debris.
- The hole should be dug the deeper of:
  - 12" below the bottom of the window OR
  - The depth of the window well measured from the top of the well where it would be fastened to the foundation wall. (Note: window well must extend 12" below bottom of window to accommodate gravel and drain, it can go deeper if required)

1) Place well in hole and verify proper location and depth. The well should be centered on window and is recommended to be no more than 8 in. below top of window. (**Note:** If using a Thermal Hinge Cover, the Well should be no more than 3 in. below the top of the window.)
2) **NOTE:** To fit a standard Thermal-Hinge Cover, Grate, or Back Cap on the well, the mounting holes spacing, flange to flange needs to be maintained per standard specifications.
   - For wells narrower than specification, the window well can be braced outward using 2 x 4 bracing placing a vertical on each side and fitting crosspieces to hold the Well open to the correct width. (see right.)
   - For Wells wider than specification, the window well can be pulled inward by first mounting one side to the concrete wall, then using 4 x 4 posts and ratchet straps to pull well into proper width. Make sure the vertical post on free side is set back from flanges to allow access to mounting holes.

3) Mount window well by one of the following methods:
   - Concrete Foundation by drilling holes and using 3/8" x 2-3/4" wedge anchors placing 2 anchors on each side at top and 1 anchor at least every 12 in. down the side. **Or** by using 5/16" x 2-3/4" Tapcons w/ Fender washers, placing 2 anchors on each side at top and 1 anchor at least every 12 in. down the side.
   - Block Foundation by drilling holes and using 3/8" x 1-7/16" sleeve anchors placing 2 anchors on each side at top and 1 anchor at least every 12 in. down the side.
   - **NOTE:** always use fender washers on the bolts to evenly distribute the load on the fiberglass flange.
4) Backfill the inside of the well with at least 6" of pea gravel (staying at least 4" below bottom of window). This will help stabilize the base.
5) Backfill around the well in even layers of 6-8 in. making sure there is a 12 in. ribbon of pea gravel against the well. Tamping each layer as you go.
6) The top 6 inches can be backfilled with dirt right up to the well.
7) Make sure the finished grade slopes away from the well on all sides.

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