



APPLICATION PROFILE

SWITCHGEAR BOX PAD IS A COMBINATION THAT WORKS!

Arizona Public Service relies on QUAZITE® switchgear box pads for electrical service to new housing developments and industrial parks. The lightweight QUAZITE® box pad can be set in place with the backhoe used to dig the hole, whereas precast concrete pads this size would require a crane to lift and install. The new switchgear box pad has become part of the APS standards for easier, quicker and less expensive installations throughout its service area. The APS service area encompasses metropolitan Phoenix, Flagstaff, Prescott, and Yuma, Arizona.

The QUAZITE® box pad provides a larger underground area with more room to “train” the cable into the switchgear. This makes it a lot easier and quicker for APS to install the switchgear.

APS uses pad mount switchgears and had previously been bolting the cabinets to a flat precast concrete pad. APS knew it needed an underground vault area to make it easier to connect the cables. The box pad designed by Quazite accommodated this need and combined the functions of an underground vault and a cabinet pad. Made of precast polymer concrete, the QUAZITE® switchgear box pad is more durable and has a longer service life than precast concrete.

The box pad is specifically designed for the PME 6-12 Cabinets made by S&C Electric. The 36” deep box pad measures 89-1/4” x 87-1/4” on the bottom and tapers to a 76” x 74” size at the top. The top of the box pad is designed to fit the bolt pattern of the PME 6-12 cabinets so it is easily bolted directly onto the box pad during the installation. Quazite offers a variety of box pads that work with most switchgear manufactured today.

TECHNICAL DATA

Product: Switchgear Box Pad

Process: Closed mold casting utilizing matched surface tooling

Materials: QUAZITE® precast polymer concrete

Sizes: PB7476BA36 — 74" x 76" x 36" deep (89-1/4" x 87-1/4" at base)

For: Arizona Public Service



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NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

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