

APPLICATION PROFILE



ENCLOSURES WITHSTAND HEAVY HOOF TRAFFIC

The ZooBalloon, a giant helium balloon that takes passengers high in the air to enjoy views of the surrounding area, is one of the newest attractions at the Philadelphia Zoo. Installed in 2001, the ZooBalloon is anchored just inside the main gate.

Making room for the zoo's new attraction was a logistical challenge. An aging monorail system had to be torn down, cables for a closed-circuit television system had to be relocated underground and new high voltage underground electrical services had to be installed.

QUAZITE® precast polymer concrete utility enclosures were used by both the engineering firm that designed the zoo's new communications infrastructure and the electrical contractor who put in the new electric lines. Both companies had used the enclosures in previous installations and knew that QUAZITE® lived up to its reputation as the strongest and safest enclosure on the market.

Both companies also chose QUAZITE® because the enclosures are lightweight, easy to install, nonconductive and UV and corrosion resistant.

QUAZITE® enclosures ranging in size from 17" x 30" to 48" x 48", were installed throughout the park to provide access to the new services. The enclosures had to support both heavy pedestrian traffic and the occasional non-deliberate weight of the zoo's trash truck, so extra-heavy-duty covers were used on the boxes. The boxes and covers have a design load of 22,568 lbs. and a test load of 33,750 lbs. That's enough strength to support the weight of two full-grown African elephants!

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



QUAZITE®'s high strength polymer concrete construction will provide protection to both the underground services and the zoo's staff and visitors for years to come.

TECHNICAL DATA

Product:	Utility Enclosures
Process:	Closed mold casting utilizing matched surface tooling
Materials:	QUAZITE® precast polymer concrete
Size:	PG1730 — 17" x 30" PG4848 — 48" x 48"
For:	Philadelphia Zoo

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CCTV AND ELECTRICAL ENCLOSURES