



# APPLICATION PROFILE

## BASES REDUCE INSTALLATION TIME/COST, INCREASE SAFETY

Departments of Transportation, consulting engineers and contractors are recognizing the advantages QUAZITE® traffic signal cabinet bases offer over precast and poured-in-place concrete. QUAZITE® bases are quicker and easier to install, more durable, more cost effective, perform better and are safer in the event of an accident.

The lightweight precast polymer concrete bases do not require any special equipment to install so they can be placed in hard-to-reach areas with minimal traffic disruption, often using just a two-person crew. QUAZITE® bases also save time and money because no formwork is needed and crews do not have to wait for concrete to dry before continuing with cabinet installation. One DOT reported that it reduced its installation time and costs from \$1,000 per base to \$500 per base simply by switching to QUAZITE®.

The material properties of polymer concrete, when combined with Quazite's superior design engineering, give QUAZITE® traffic signal cabinet bases a number of performance advantages over concrete. QUAZITE® bases are made with polymer concrete, an extremely strong and durable material, and are reinforced with fiberglass for exceptional strength. Polymer concrete is also a closed-cell material so it does not absorb water and break apart during freeze/thaw cycles. Corrosion resistant QUAZITE® bases are unaffected as well by salt, equipment lubricants and other corrosive chemicals found near roadways.

Most importantly, however, QUAZITE® bases are safer than poured-in-place bases in the event of an accident. QUAZITE® bases are designed to break away from the cabinet rather than absorb the energy of a major impact. The vehicle and its occupants suffer less damage as a result. QUAZITE® bases also allow for repairs to be made quickly to help reduce traffic signal downtime.

Quazite offers a variety of QUAZITE® traffic signal cabinet bases that work with every NEMA and 170E cabinet manufactured today. Quazite can also tailor throat sizes and insert locations to meet customer requirements.



## TECHNICAL DATA

Product:	Traffic Signal Cabinet Bases
Process:	Closed mold casting utilizing matched surface tooling
Materials:	QUAZITE® precast polymer concrete
Sizes:	From 25" x 25" up to 40" x 58" in various depths
For:	Various Departments of Transportation and Municipalities



**QUAZITE®**  
 3621 Industrial Park Drive  
 Lenoir City, TN 37771  
 Phone: 800-346-3062 or 865-986-9726  
 Fax: 865-986-0585  
 Web: <http://www.quazite.com>  
 e-mail: [hpsliterature@hps.hubbell.com](mailto:hpsliterature@hps.hubbell.com)

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

## APPLICATION PROFILE QZ-1504

### QUAZITE® TRAFFIC SIGNAL CABINET BASES