

Royal Houses of PVC and Concrete Wall Panel System

The Royal Houses are two office buildings recently built at the GEON Company Plant in Henry, Illinois that are constructed primarily of PVC and concrete. Each building measures a little more than 1500 square feet. The walls are made of interlocking PVC wall panels that were filled with a mixture of concrete, pea gravel, and plasticizer after being assembled. The contacting edges of the wall panels are perforated to allow the concrete to flow between panels and form a continuous structural member when cured. Electrical, telephone, and computer wiring are distributed through a series of channels around the upper perimeter of the walls. The roof panels are bolted to anchors located in the top of the walls and the peak structural beam.

Contact: Meade Bethel
Organization: GEON Company
Address: 1 Geon Center
City: Avon Lake
State/Province: OH
Postal Code: 44012
Country: USA
Phone No: 440-930-1177
FAX: 440-930-1656
URL: <http://www.geon.com>
Email: bethelm@geon.com