

## Project Spotlight

### MasterRoc® Products

#### Underground Construction

#### Delaware Aqueduct Bypass Tunnel

**Location**

Newburgh, NY

**Owner**

New York City Dept. of  
Environmental Protection

**Design Engineer**

NYC DEP Bureau of  
Engineering and Construction

**Contractor**

Kiewit Shea JV

**Tunnel Size**

2.5 miles (4 km) long,  
21.7 feet (6.6 m) diameter

**TBM (tunnel boring  
machine)**

Hard Rock TBM  
manufactured by Robbins

**Geology (Ground  
Condition)**

Limestone

**Product Applications**

*Annulus Grout:*

MasterSet® R 100,  
MasterRoc® AGA 41S;

*Soil conditioning:*

MasterRoc® ABR 7;

*Shotcrete:*

MasterRoc® SA 160;

*Grouting:*

MasterRheobuild® 1000



#### Contact

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