Project Spotlight

MasterRoc® Products
Underground Construction

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

Delaware Aqueduct Bypass Tunnel