



Project Spotlight

MasterRoc[®] Products Underground Construction

Project

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

Master Builders Solutions Admixtures US, LLC

23700 Chagrin Boulevard
Beachwood, OH 44122 USA
(800) 628-9990

master-builders-solutions.com/en-us
admixtures@masterbuilders.com

Master Builders Solutions Canada, Inc

1800 Clark Boulevard
Brampton, Ontario L6T 4M7 CANADA
(289) 360-1300

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