



Carlton Multi-Gard®

Specification Guide - Encasing Multi-Gard® in Concrete

The concrete used with Multi-Gard® should be 3/8" aggregate with a nominal compressive strength of 2,500 lbs per square inch. The slump should be at the upper end of the range, preferably 7 to 8 inches. It should have just enough slump to flow to the bottom of the formation and yet not be so wet as to cause the ducts to float. In placing concrete around Multi-Gard®, adjust the delivery chute so the fall of the concrete into the trench is minimal. Use a splash board to divert the flow of concrete away from the trench sides and avoid dislodging soil and stones.

To avoid the Multi-Gard® conduit system from floating in the concrete, Carlton recommends anchoring the product to the ground. This can be accomplished by driving stakes into the ground and securing the conduit to the stakes. In the event that multiple ducts are being installed, Carlton's Snap-Loc® Spacers are recommended. Once the ducts are installed in the Snap-Loc® Spacers, the entire duct bank should be anchored to the ground using the previously mentioned technique.

Any additional questions relating to encasing Multi-Gard® in concrete should be directed to the Technical Services Group at telephone 800-321-1970 or via Carlton's website email at www.carlon.com