

FORM-A-DRAIN with Filter Fabric

CertainTeed Form-A-Drain® with Filter Fabric is available for installations where a geotextile is required for drainage. Consult local inspectors and refer to local building codes to determine whether it is necessary to install a drain system with a geotextile screen in your location.

FORM-A-DRAIN with Filter Fabric / Test Results

CertainTeed commissioned a third party laboratory to conduct gradient ratio testing on FORM-A-DRAIN with Filter Fabric. The purpose of this testing was to measure the hydraulic gradient — the change in the hydraulic head divided by the length of the sample — in order to evaluate the filtration potential of the geotextile in conjunction with a pipe and surrounding soil system.

FORM-A-DRAIN's gradient ratio values and gradient stability indicate that there is no significant clogging or blinding of the geotextile as water passes through. It must be noted, however, that regional variations in soil conditions will result in differences in performance.

The addition of the filter fabric material to FORM-A-DRAIN yields results consistent with other combination pipe and fabric products, as such results pertain to gradient ratio characteristics.

NOTE: Due to differing soil conditions, CertainTeed Corporation makes no representation about the actual performance of the product, and under no circumstances will CertainTeed be responsible or liable for the performance or results of any FORM-A-DRAIN installation.

Installation of FORM-A-DRAIN with Filter Fabric

Basic instructions must be followed as spelled out in the CertainTeed Corporation FORM-A-DRAIN Installation Guide (#40-95-04). FORM-A-DRAIN filter fabric lineals must be installed with the filter fabric facing toward the gravel, away from the footing (see illustration). This position enables the slotted wall to allow water infiltration.

Injection molded couplings (COUP6 and COUP8) may make installation easier than when extruded couplings (XCPL6 and XCPL8) are used. Injection molded couplings have a slightly larger diameter, which allows more room for the lineal with fabric to be inserted. If necessary, FORM-A-DRAIN with Filter Fabric can be cut in the exact same manner as FORM-A-DRAIN without fabric, using a common handsaw or power saw.

