
Technical Service Bulletin No. S-19-06

-Drainage Outlet Recommendations in Foundation Wall Applications-

Tremco makes the following general recommendations in regards to determining the number of 4-inch drainage outlets to use in conjunction with our TREMDrain Drain products on vertical foundation wall applications.

- Consult with a soils engineer to estimate the maximum subsurface water flow (in gallons per minute (gpm)) expected to be collected by the drainage composite. This value will be dependent upon factors such as soil type, water sources, foundation size, etc..
- Tremco recommends a minimum of 1 drainage outlet for every 20 gpm of maximum subsurface water flow. For example, if the maximum subsurface water flow is estimated to be 64 gpm, a minimum of 4 outlets are recommended.
- Regardless of subsurface water flow or foundation size, Tremco recommends a minimum of 2 drainage outlets per foundations, ideally placed on opposite corners of the building structure.
- Tremco recommends drainage outlets be spaced as evenly as practical around the foundation.
- Additional outlets may be used to increase factors of safety to desired levels.
- Typical foundation wall outlet spacing ranges from 50 – 200 feet.

Please contact Tremco Technical Support at 866-209-2404 with any questions.