

APPLICATION INSTRUCTIONS

1. Product Description

- 1.1 DrainStar® Wall Drain 200 is a two-part prefabricated soil sheet drain consisting of a formed polystyrene core covered with a non-woven, needle-punched polypropylene filter fabric on the dimpled side of the core. The fabric allows water to pass into the drain core, while restricting soil particles from entering. The core allows water to gravity drain to the installed drain tile and gravel system or DrainStar Strip Drain System, and then to the designated drainage exits, such as daylight, a sump crock, or weep hole exits.

2. Packaging

- 2.1 4' X 50' rolls, 6' x 65.6' rolls, and 8' x 65.6' rolls

3. Basic Uses

- 3.1 DrainStar Wall Drain 200 is used as a drainage and protection layer with Tremco waterproofing and dampproofing membranes.

4. Collection Systems

- 4.1 DrainStar Wall Drain 200 can be used with DrainStar Strip Drain or conventional drain tile and gravel systems, for the collection and transportation of water to designated exits.

5. Attachment Method

- 5.1 DrainStar Wall Drain 200 can be attached using powder actuated fasteners, gas cartridge nails, or hand installed using masonry nails. Washers are recommended but not required. A ½", ¾", or 1" nail with washer is recommended.

6. Installation Instructions for Foundation Walls

1. Unroll DrainStar Wall Drain 200 along the footing with the fabric flange on top. The dimples and fabric always face outward towards the soil in foundation wall applications. At soil grade, the fabric flange should be tucked in behind the roll for a termination detail, to ensure soil does not get behind or into the core. The DrainStar Wall Drain 200 should be fastened to the foundation wall every 1 ft., along the top one inch of the fabric and core. A contractor can also fasten in the middle and bottom of the DrainStar Wall Drain 200 as they choose, for smooth, uniform appearance and to keep flush against the foundation wall.

2. When using a second roll on top of the roll that sits on the footing, the top roll fabric flange must shingle over the first roll a minimum of one inch. The shingled overlap area should be fastened.
3. Ensure all roll ends and edges are covered with fabric by overlapping a new roll of DrainStar Wall Drain 200 three inches over the end of the existing roll and covering any exposed core on either roll. At terminations, remove two to three inches of the core and tuck excess fabric behind the core and fasten.
4. All exposed core should be covered with fabric.

7. Retaining Wall Applications

1. For retaining wall applications with mid-wall weep hole exits, the DrainStar Wall Drain 200 does not need to extend to footing level. The DrainStar Wall Drain 200 bottom edge will rest directly above the weep holes.
2. Follow Installation Instructions for Foundation Walls for all other steps.

8. Backfilling

- 8.1 A minimum of 24 hours is required after application of the Tremco Waterproofing or Dampproofing Membrane and DrainStar Wall Drain 200, before backfill can take place. Follow local code requirements for gravel and soil backfilling. If DrainStar Wall Drain 200 is used by itself with no fluid-applied waterproofing or dampproofing membrane, backfill may occur immediately after DrainStar Wall Drain 200 application.

9. Handling Requirements

1. Limit unpackaged material UV exposure to a maximum of 14 days during installation.
2. Do not expose materials to chemicals that are strong acids, strong bases, or high in solvent content.
3. Protect materials from site construction damage, flames, and other environmental conditions that may damage the materials.
4. Installation of materials when ambient temperatures are below 20°F or above 100°F is not recommended but can be done with caution.
5. Store materials in protected environment until time of installation.

10. Warranty

- 10.1 Contact your Tremco Technical Services Representative for warranty information, when used with Tremco Waterproofing Membranes.

0220/DSWD200-AI

Please refer to our website at www.tremcosealants.com for the most up-to-date Application Instructions.

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