

Installation Guidelines

TriDent™ Dimple Drain

High-Performance Dimpled Composite Drain



Installation Instructions

This document is to establish installation instructions for installing Keene Building Product's series of dimpled composite drains, TriDent™ Dimple Drain. Jobsite modification may be required. When these situations occur on a project, please consult the local Keene Building Sales Representative or Divisional Manager for assistance.

Important Notice

This document is provided for guidance only, it is not intended to cover all local code variations.

- Read these installation instructions completely from beginning to end.

Storage

Store indoors or cover to protect materials from exposure to direct sunlight.

Installation

Vertical Application:

- Prior to installation, fluid applied membranes must be fully cured. The insulation and/or protection course is installed prior to the TriDent™ DD. TriDent™ is then installed over the protection course prior to the backfill.
- TriDent™ DD is to be installed with the filter fabric facing the backfill and the core facing the foundation wall, with seams running either horizontally or vertically over the waterproofing systems. Make sure the fabric overlaps the adjacent drainage sheet, creating a shi-lap-like form, in order for no soil to clog the core which would reduce water flow through obstructing the channels.
- Finally, TriDent™ is to be adhered at the waterproofing termination via a Keene approved termination bar, such as one manufactured by Barrett Roofs, or with a Keene approved adhesive, either of a tape variety or a spray-on.
- For a tape variety, Keene recommends using Peel 100, and if using a spray-on variety, Keene recommends 3-M Hold Fast. If performing residential construction, Keene would advise one of the two adhesives. The only time Keene would not recommend the 3-M Hold Fast is if there is an insulation layer it is being placed on top of, due to possible corrosive reactions. For commercial applications TriDent™ DD is always going to be applied with a termination bar.

Horizontal Application:

- Make sure the waterproofing membrane is either laid down if a sheet membrane or fully cured if fluid applied prior to the installation of TriDent™ DD.
- Typically, TriDent™ DD may be installed either on top of or in place of a protection course.
- However, if installing onto a hot rubberized asphalt membrane, TriDent™ will require a protection course preceding it.
- When making the transition from one roll to the next, make sure the fabric overlaps with that of the adjacent sheet of TriDent™ DD in a shi-lap or shingle-like manner so to eliminate the excess fabric from entering the core, which once again allows the drainage channels to be obstructed, reducing the desired water flow.
- Make sure to not overlap the core onto the fabric of the adjacent TriDent™ DD.
- Once the above steps are completed the installation is complete, as no form of adhesive is necessary in this application since gravity will perform that function.

LIMITED WARRANTY: Keene warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Keene makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Keene Products. Keene to replace or to refund the purchase price of the quantity of Keene Product proven to be defective, and Keene shall not be liable for any loss or damage.