



Keynote Reference Summary

- <6> Siplast PS-715 NS Elastomeric Sealant
- <23> Continuous Insulation
- <70> Siplast TeraPROOF 10-11 Drainage Mat or Siplast Paradrain Mat
- <71> Siplast Pro Fleece
- <72> Siplast TeraPROOF Protection CS1000
- <81> Siplast TeraPROOF STP Liquid Membrane
- <88> Siplast TeraPROOF Waterstop
- <100> #57 stone
- <101> Concrete Structure
- <103> Grade or Sub-grade

Refer to TeraPROOF Installer's Guide for detailed instructions regarding the specific products, personal protection, storage, handling, relevant codes, installation tools, substrate preparation, and general application guidelines. Coordinate installation of Siplast TeraPROOF products with the adjoining and subsequent trades to ensure compatibility and continuity with the roofing, waterproofing, and above-grade facade systems.

1. Where applicable, when placing the concrete structure, install <88> **Siplast TeraPROOF Waterstop** at concrete cold joints, such as the concrete footing to concrete wall joints. Ensure at least 2 inches of concrete cover on either side of the waterstop material. See the installation guide for more information on waterstop preparation, attachments, and installation.
2. Examine all substrates before applying <81> **TeraPROOF STP Liquid Membrane**. Ensure substrates are clean, repaired, prepared and otherwise satisfactory before applying the TeraPROOF materials. Prepare and pretreat minor concrete irregularities by working in <81> **TeraPROOF STP Liquid Membrane**. Use a brush, roller or trowel to fill imperfections and provide a smooth, uniform surface before applying the <81> **TeraPROOF STP Liquid Membrane** waterproofing.
3. For inside corner areas, apply a ¼ inch cant bead of <06> **Siplast PS-715 NS Elastomeric Sealant** or a compatible approved sealant.
4. Refer to *Detail 00b Post-Applied - Application Overview* for treating inside and outside angle transitions.
5. Using a brush or roller, apply a 60 mil layer of <81> **TeraPROOF STP Liquid Membrane** waterproofing on vertical wall areas and horizontal footing surfaces. Allow the membrane to cure before installing <70> **Siplast TeraPROOF 10-11 Drainage Mat**.
Optional: If a reinforced membrane wall area is specified, immediately place the <71> **Siplast Pro Fleece** reinforcement fabric into the still-wet membrane. Apply a second coat of <81> **Siplast TeraPROOF STP Liquid Membrane** 60 mils (1.5 mm) thick over the reinforcement fabric extending a minimum of 1/4 inch (6 mm) beyond the reinforcement fabric.
6. Install the <72> **Siplast TeraPROOF Protection CS1000** with the fleece facing the membrane to hold in place or <70> **Siplast TeraPROOF 10-11 Drainage Mat** with the filter fabric facing outward using backfill to hold in place or using an adhesive such as <05> **Siplast WALLcontrol Modified Silicone (STPE) VP Liquid Flashing**. Lap the fabric selvage edge onto the subsequent courses of the drainage board and top edges.
7. Install <23> **Continuous Insulation** using backfill to hold in place or an adhesive such as <05> **Siplast WALLcontrol Modified Silicone (STPE) VP Liquid Flashing**. If using adhesive:
 - a. Apply adhesive ¾ inch thick by 3 inch diameter pads to the back of the <23> **Continuous Insulation**. Space adhesive pads evenly across the length of the insulation board in rows no more than 16 inches on center and no more than 3 inches from ends and edges of the insulation.
 - b. Immediately place <23> **Continuous Insulation** against the <70> **Siplast TeraPROOF 10-11 Drainage Mat** before adhesive "skins". If adhesive "skins," remove and apply fresh adhesive material.