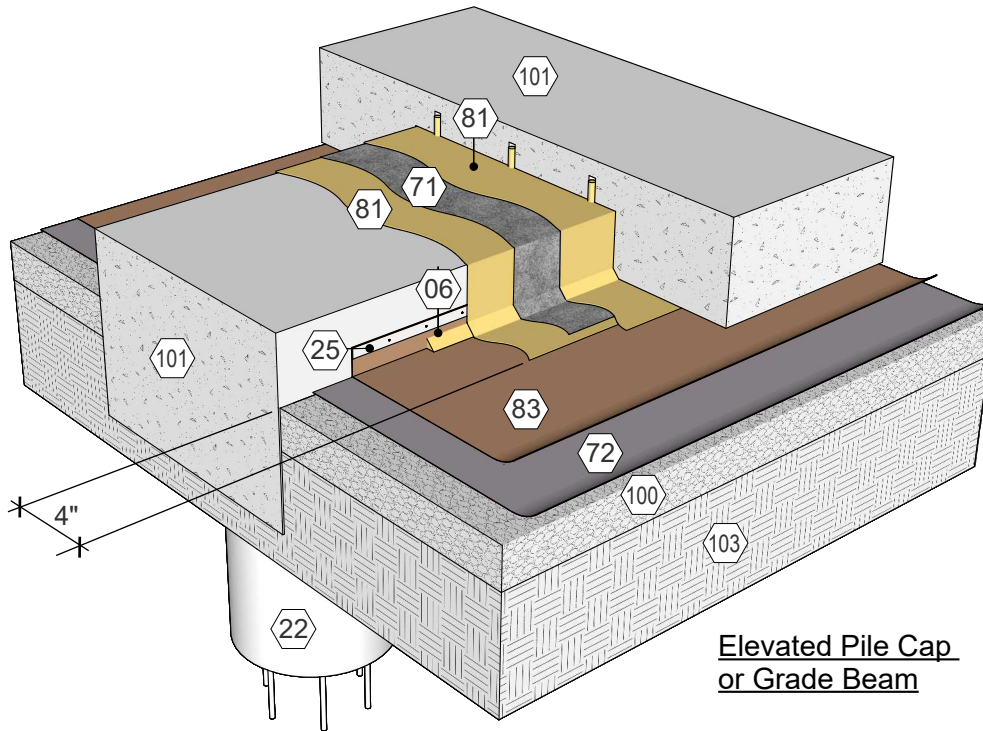


Flush Pile Cap
or Grade Beam



Elevated Pile Cap
or Grade Beam

Keynote Reference Summary

- <06> Siplast PS-715 NS Elastomeric Sealant
- <25> Termination bar
- <71> Siplast Pro Fleece
- <72> Siplast TeraPROOF Protection CS1000
- <81> Siplast TeraPROOF STP Liquid Membrane
- <83> Siplast TeraPROOF Pre-Applied H-SBS Membrane
- <100> #57 stone
- <101> Concrete Structure
- <103> 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. Install the area surrounding the penetration with <83> **Siplast TeraPROOF Pre-Applied H-SBS Membrane** following Detail 00b Pre-Applied SBS - Application Overview including the following materials: <100> **#57 stone** and <103> **Sub-grade**.
2. Trim the edge of the <72> **Siplast TeraPROOF Protection CS1000** flush with the edge of the Pile Cap/Grade Beam. Apply the <83> **Siplast TeraPROOF Pre-Applied H-SBS Membrane** using one of the following options:
Flush Pile Cap or Grade Beam: Extend the SBS Pre-Applied Membrane horizontally onto the pile cap/grade beam a minimum of 12 inches from the edge and secure with a <25> **termination bar**.
Elevated Pile Cap or Grade Beam: Extend the SBS Pre-Applied Membrane vertically a minimum of 6 inches onto the concrete surface and secure with a <25> **termination bar**.
3. Ensure <101> **concrete structure** to be flashed are clean, prepared, and secured to prevent movement, and all gaps and breaks between substrates are sealed using <06> **Siplast PS-715 NS Elastomeric Sealant** or a compatible approved sealant before applying the TeraPROOF materials. Apply ¼ inch cant bead of <06> **Siplast PS-715 NS Elastomeric Sealant** or a compatible approved sealant where the subsequent liquid flashing system will make a 90 degree turn.
4. Before applying the <81> **TeraPROOF STP Liquid Membrane**, pre-cut the <71> **Siplast Pro Fleece** reinforcement fabric to conform to flashings. Cut reinforcing to ensure the <81> **TeraPROOF STP Liquid Membrane** is fully reinforced and overlapped at finger-cuts, side-laps, and end-laps to eliminate skips or breaks in the reinforcement.
5. For reinforced flashings at concrete transitions, apply a first coat of 60 mils (1.5 mm) of <81> **TeraPROOF STP Liquid Membrane** to a minimum of 4 inches (100 mm) on the penetration and a minimum of 4 inches (100 mm) beyond the transition.
6. Immediately place the <71> **Siplast Pro Fleece** reinforcement fabric into the still wet <81> **TeraPROOF STP Liquid Membrane**. The reinforcement fabric should cover a minimum of 4 inches (100 mm) on the SBS Pre-Applied membrane and a minimum of 4 inches (100 mm) beyond the concrete transition. Work the reinforcement fabric into the <81> **TeraPROOF STP Liquid Membrane** to prevent wrinkles. Ensure that the <71> **Siplast Pro Fleece** reinforcement fabric is adequately saturated and free of "dry" reinforcement, voids, air pockets and wrinkles using recommended tools.
7. Apply a second coat of <81> **Siplast TeraPROOF STP Liquid Membrane** 60 mils (1.5 mm) thick over the <71> **Siplast Pro Fleece** reinforcement fabric extending a minimum of 1/4 inch (6 mm) beyond the reinforcement fabric.