

# DELTA®-FOOTING BARRIER

## INSTALLATION INSTRUCTIONS

### Health and Safety:

Required safety equipment: hard hat, safety boots, gloves, safety glasses.

- Always follow all safety precautions as directed by the Occupational Safety and Health Administration (OSHA-USA) or the Construction Safety Association (Canada).
- There are no health risks in using DELTA®-FOOTING BARRIER.
- Please refer to Material Safety Data Sheets.
- The general codes of practice for protection at work and instructions of manufacturers for tools and components are to be observed at all times.

### Recommended Tools:

- Utility knife or scissors.
- Hand trowel

### Getting Down to Installation:

- Pour footings as per local building code.
- Begin the installation of DELTA®-FOOTING BARRIER as soon as the concrete has been poured and leveled and concrete is still wet. Curing times of concrete vary according to weather conditions and concrete mix. Working times will vary accordingly. Installation of DELTA®-FOOTING BARRIER should begin as soon as a section is completed and concrete is still wet.
- DELTA®-FOOTING BARRIER is always installed with the blue (smooth) side facing the installer, and gray (fuzzy) side facing the poured concrete.
- Place roll of DELTA®-FOOTING BARRIER centered over where key way is to be formed.
- Roll out DELTA®-FOOTING BARRIER approximately 10' (3 m) in length along the footing. Adjust DELTA®-FOOTING BARRIER as required, maintaining the center of the key way. Continue to end of footing and cut with utility knife as required (see Detail 1).
- With a hand trowel, gently embed DELTA®-FOOTING BARRIER into the freshly poured and leveled concrete. Allow surface bleed water to soak into gray (fuzzy) fabric. This will help establish the proper bond to the concrete (see Detail 2).
- If required, form a key way as per local building code (see Detail 3).
- When joining two pieces of DELTA®-FOOTING BARRIER, butt the two ends together. Do not overlap (see Detail 4).
- For installation at rebar locations, cut an "X" in DELTA®-FOOTING BARRIER with utility knife. Insert rebar into footing through the "X" cut (see Detail 5).
- Proceed with wall form installation as per local building code requirements.

### Using DELTA®-FOOTING BARRIER with Dimpled Membranes:

Continuity of the moisture barrier system is very important to keep the basement dry and comfortable. Every moisture barrier component must work as part of a complete system. DELTA®-FOOTING BARRIER must be properly tied in with the dimpled membrane on the foundation wall. Each of the following tie-in options protects the bottom of the foundation wall against moisture.

### Tie-in Options:

- Fold the dimpled membrane into the cold joint corner (at the junction of wall and footing) and terminate at the edge of the footing as close as possible to the foundation drainage pipe (see Detail 6).
- Protect the cold joint corner with DELTA®-COLDJOINT BARRIER (see DELTA®-COLDJOINT BARRIER installation instructions). The dimpled membrane may



terminate on top of the footing (see Detail 7).

- Protect the cold joint corner with liquid-applied waterproofing membrane as approved by Cosella-Dörken (see manufacturer's installation instructions). Ensure the liquid-applied waterproofing membrane covers the top of footing, corner, and base of foundation wall (minimum 9" (23 cm)). The dimpled membrane may terminate on top of the footing (see Detail 8).

**Clean-up and Inspection:**

- Walk around footing and ensure all materials are installed as required.
- Clean up all excess materials and remove from excavation.

**For technical support, call the Technical Support Team at 1-888-4DELTA4 (1-888-433-5824) ext. 326 or [www.delta-fb.com](http://www.delta-fb.com)**

