

# DELTA<sup>®</sup>-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).
- Please refer to Safety Data Sheets for all components and observe all recommended safety precautions therein.
- The general codes of practice for protection at work and instructions of the manufacturers for tools and components are to be observed at all times.

### Recommended Materials

- DELTA<sup>®</sup>-FOOTING BARRIER

### Recommended Tools

- Utility knife or scissors
- Hand trowel

### Notes and Limitations

- These installation instructions for DELTA<sup>®</sup>-FOOTING BARRIER are intended only as a guide and are for the convenience of the contractors, specifiers, and other interested parties. The final application and details are the sole responsibility of the design authority on record for the project.
- Always confirm the local building code requirements prior to installation.

### Getting Down to Installation

- Pour footings as per local building code.
- **Begin the installation of DELTA<sup>®</sup>-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<sup>®</sup>-FOOTING BARRIER should begin as soon a section is completed and concrete is still wet.
- DELTA<sup>®</sup>-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<sup>®</sup>-FOOTING BARRIER centered over where keyway is to be formed.
- Roll out DELTA<sup>®</sup>-FOOTING BARRIER approximately 10' (3 m) in length along the footing. Adjust DELTA<sup>®</sup>-FOOTING BARRIER as required, maintaining the center of the keyway. Continue to end of footing and cut with utility knife as required (see Detail 1).
- With a hand trowel, gently embed DELTA<sup>®</sup>-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<sup>®</sup>-FOOTING BARRIER, butt the two ends together. Do not overlap (see Detail 4).
- For installation at rebar locations, cut an "X" in DELTA<sup>®</sup>-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.

### Complete Foundation Protection

- Continuity of the moisture barrier system is very important to keep the basement dry and comfortable. Every moisture barrier component must work together as part of a complete system.
- Proceed with the installation of DELTA<sup>®</sup>-MS foundation protection system (see DELTA<sup>®</sup>-MS installation instructions).

### Recommended Best Practice (optional)

- Install cold joint protection prior to the installation of DELTA<sup>®</sup>-MS at cold joint area at the base of the wall, if:
  1. A fluctuating water table is encountered.
  2. Footing drain is insufficient to take away water drained by DELTA<sup>®</sup>-MS without temporary backup.
  3. Footing drain is placed on top of footing.
  4. Floor slab is poured level with, rather than on top of footing.



- Apply cold joint protection membrane to cover the footing and wall to a point 12" (30 cm) higher than the anticipated water table.

**Clean-up and Inspection**

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

**Disposal of Waste**

- Waste can be recycled where facilities allow.

For technical support, call our Technical Support Team at 1-888-433-5824 extension 326, or visit [www.dorken.com](http://www.dorken.com)



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