NuDrain Sheet Drain
Vertical Installation Instructions

**Description:** Prefabricated drainage composite designed to enhance waterproofing/damproofing membrane by quickly channeling water down to the collection pipe and protecting the membrane during backfilling.

**Note:** Rolls can be installed horizontally along the footer or vertically. When installing horizontally, begin at the bottom of the wall or foundation.

1. **Place** the 1st course of NuDrain with the fabric facing the soil, dimples pointed away from the wall.

2. **Fold** the bottom edge of the fabric and tuck behind the core, keeping soils out of the core.

3. **Attach** the NuDrain panel either with mechanical fasteners or adhesives to hold in-place until backfilled. Check with the waterproofing manufacturer for approved adhesives compatible with their membrane or recommended methods.

4. **2nd course** is placed with the core butted to the lower course and overlap the fabric using the shingle method. Secure fabric with duct tape.

5. **Top course** should be terminated by tucking the fabric flap over the top of the core.

6. **Backfill** should be placed immediately and cover at least 6 inches above the top course of NuDrain.

Nilex recommends you consult with your waterproofing membrane contractor and/or manufacturer to obtain installation guidelines pertaining their products.

For more information contact us at info@nilex.com or 1-800-667-4811
Nu Drain Installation Instructions

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**RETAINING WALL INSTALLATIONS**
(No Waterproofing Membrane)

**Collection and Discharge** Unroll and install Nu Drain SWD-6 OR 12 along footing and attach to wall covering weep holes for uniform collection and discharge to weep holes.

**Nu Drain** Panels are installed above the Nu Drain SWD Collection System as shown in detail. Panels are butted and the filter fabric is shingled as shown in the Splicing Detail. ALL FACTORY EDGES AND CUT EDGES SHOULD BE COVERED WITH FILTER FABRIC EITHER BY OVERLAPPING EDGE OR COVERING WITH EXCESS FILTER FABRIC.

**Attachment Method** On concrete substrates, use mechanical fasteners, i.e., Nailing or powder actuated fasteners. On waterproofing substrates, use construction adhesives that are compatible with the waterproofing membrane.

**Backfilling** Backfill as soon as possible not exceeding 5 - 7 days. Backfill in lifts and compact each lift. Backfill should extend at least 6" over top of panels.

**HORIZONTAL INSTALLATIONS:**

**Unrolling Panels** Starting along edge of horizontal area, unroll panel while folding fabric over edge adjacent to starting edge. On sloped surfaces, unroll in direction of slope. Filter fabric faces top side. Adjacent panels should be unrolled and splices should be performed as shown in Splicing Detail.

**EDGES** All factory edges and/or cut edges must be covered with filter fabric to prevent intrusion of cover material (soil, sand, concrete, etc.)

**EXPOSURE** Do not leave exposed to intensive sunlight for extended periods of time (30 - 60 days)

**FOUNDATION WALL INSTALLATIONS**
(With Waterproofing Membrane)

**Collection and Discharge** Unroll and install Nu Drain SWD-6 OR 12 along footing and attach to wall covering weep holes for uniform collection and discharge to weep holes.

**Nu Drain** Panels are installed above the Nu Drain SWD Collection System as shown in detail. Panels are butted and the filter fabric is shingled as shown in the Splicing Detail. ALL FACTORY EDGES AND CUT EDGES SHOULD BE COVERED WITH FILTER FABRIC EITHER BY OVERLAPPING EDGE OR COVERING WITH EXCESS FILTER FABRIC.

**Attachment Method** On concrete substrates, use mechanical fasteners, i.e., Nailing or powder actuated fasteners. On waterproofing substrates, use constructions adhesives that are compatible with the waterproofing membrane.

**FILTER FABRIC ALWAYS FACES BACKFILL**

**Backfilling** Backfill as soon as possible not exceeding 5 - 7 days. Backfill in lifts and compact each lift. Backfill should extend at least 6" over top of panels.

**LAGGING WALL AND SOIL NAILING INSTALLATIONS**
(With Waterproofing Membrane)

**Collection and Discharge** Unroll and install Nu Drain SWD-6 OR 12 along footing and attach to wall covering weep holes for uniform collection and discharge to weep holes.

**Nu Drain** Panels are installed above the Nu Drain SWD Collection System as shown in detail. Panels are butted and the filter fabric is shingled as shown in the Splicing Detail. ALL FACTORY EDGES AND CUT EDGES SHOULD BE COVERED WITH FILTER FABRIC EITHER BY OVERLAPPING EDGE OR COVERING WITH EXCESS FILTER FABRIC.

**Attachment Method** On wood substrate, attach by nailing to lagging wall. On earth substrates, use anchor pins with washers.

**FILTER FABRIC ALWAYS FACES SOIL.**