



THE FOOTING TUBE

The Footing Tube is a concrete form to be used as a casting product for concrete piers and footings, or to support decks, cottages and additions. The tapered form is designed as a one-product system to eliminate frost from lifting concrete piers. The Footing Tube is easily installed by a professional or amateur and the scribe lines on the tube indicate the required backfill height, cutting height and the level of concrete required to fill the tube. The safety top resists the entry of water and dirt during backfilling. CCMC approved (CCMC 13309-R) when used as directed and complies with the National Building Code of Canada (NBC).

FEATURES & BENEFITS

- Lightweight form
- For decks or additions
- Easy to install
- Inspector-friendly

USES

Ideal as a casting form for concrete piers, or to support decks, porches, one-storey cottages and additions, lamp-posts, pole barns, point-load beams and fence posts.

The Footing Tube is available in 2 sizes:

8”: Construct supports for decks, cottages and additions. Not for frost depths exceeding 58”.

10/12”: Construct supports for larger structures, pole barns, tarp buildings, large gate supports to resist lateral loads. For use with posts up to 8” X 8”. Not for frost depths exceeding 60”.

FTB30 Base: When required, the FTB30 base can be installed under the 8” tube and the 10/12” tube, to increase load-bearing-capacity by 90% for weaker soils and heavier loads.

FTB36 Base: When required, the FTB36 base can be installed under the 8” tube and the 10/12” tube, to increase load-bearing-capacity by 220% for weaker soils and heavier loads.

PROCEDURES

The Footing Tube is designed for in-ground installation with a minimum depth of 3’ (91 cm) of backfill. Have 4” (10 cm) of the top of the tube exposed above finished grade to allow for soil movement caused by freezing and water absorption.

Installation:

Step 1: Excavate to the depth that will eliminate frost from going under the pier. Local building officials will be able to provide frost depth information. The bottom of the excavated hole should be on undisturbed soil of adequate bearing capacity to support the load that the pier will be transferring to the ground (see below for FTB30 Base installation when required).

Step 2: Install The Footing Tube in desired location. Centre and level marking is provided on the safety top for easier locating. Place level on the safety top and position the bottom of the tube in desired location. Backfill some material around the base to hold it in position and level.

Step 3: Backfill to grade required before filling with concrete; 3’ (91 cm) minimum backfill required before filling with concrete. The backfill should be compacted and using coarse rock may damage tube.

Step 4: Do not remove the safety top until you are ready to pour your concrete. Determine the required height of the concrete pier and remove the safety top by cutting along scribe line. Pump out any standing water present. Pour concrete in 12” (30 cm) lifts and rod the material using a steel bar, with minimum 6 thrusts, or use a concrete vibrator to consolidate the fluid concrete. Rebar can be placed in wet concrete as required by local codes. The concrete to be placed in the tubes is to have a minimum compressive strength of 20.7 MPa (3000 psi) at 28 days and be poured as per the National Building Code of Canada standards.

The Footing Tube FTB30 Base: When a larger base is required, the FTB30 base can be used with both the 8” tube and the 10/12” tube. When installed under The Footing Tube, the base will increase the load-bearing-capacity by 90% and raise the height by 6.25” (16 cm). Follow Step 1, ensuring the area is large enough to accept the 33” (84 cm) FTB30 base. Insert base in desired location. Place chosen tube on top and rotate until location and level tube is achieved. Secure with screws to stabilize. Continue with Step 2.

The Footing Tube FTB36 Base: When a larger base is required, the FTB36 base can be used with both the 8” tube and the 10/12” tube. When installed under The Footing Tube, the base will increase the load-bearing-capacity by 220% and raise the height by 9.25” (23.5 cm). Follow Step 1, ensuring the area is large enough to accept the 41” (104 cm) FTB36 base. Insert base in desired location. Place chosen tube on top and rotate until location and level tube is achieved. Secure with screws to stabilize. Continue with Step 2.

CURING

Allow newly placed material to set until the surface is hard to the touch. Concrete mix will set in approximately 6 hours. Keep material damp or cover with plastic to prevent evaporation of mix water for at least three (3) days. Protect from freezing for at least 48 hours.



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TECHNICAL DATA

CCMC approved (CCMC 13309-R) when used as directed and complies with the National Building Code of Canada (NBC). Loads not to exceed the bearing resistance of the soil that the pier is resting on or of the concrete being placed in form.

CLEAN UP

Clean all tools with water immediately after use.

YIELD

FAST & EASY CALCULATIONS (approximate)

# of 30 KG (66 lb) Concrete Bags Required Per The Footing Tube:		
The Footing Tube	ft ³ (m ³)	# of Bags
8"	4.8 ft ³ = 0.136 m ³	10
10/12"	8.5 ft ³ = 0.24 m ³	17
FTB30 Base	Used with Tube 2.13 ft ³ = 0.06 m ³	4.5
	Used without Tube 2.7 ft ³ = 0.08 m ³	5.5
FTB36 Base	Used without Tube 5.2 ft ³ = 0.147 m ³	10.5

PACKAGING

The Footing Tube, 8"	085877500013
The Footing Tube, 10"/12"	085877500020
The Footing Tube, FTB30 Base	085877500044
The Footing Tube, FTB36 Base	858775000660

UPC

SAFETY PROCEDURES

Material should be stored in a dry, covered area, protected from the elements.

WEBSITE

For more information and other projects, visit us at www.sakretecanada.com or call us at 866-725-7383.

Warranty: This product is designed to meet the performance specifications outlined in this product data sheet. If the product is used in conditions for which it was not intended, or applied in a manner contrary to the written recommendations contained in the product data sheet, the product may not reach such performance specifications. The foregoing is in lieu of any other warranties, representations or conditions, expressed or implied, including, but not limited to, implied warranties or conditions of merchantable quality or fitness for particular purposes, and those arising by statute or otherwise in law or from a course of dealing or usage of trade. [REV.0006_10/02/19]

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