



Product Guide Specification

Section 03 11 13

Cylindrical EasyPour Concrete Forms

Specifier Notes: This section covers Greif's Easy Pour Concrete Forms.

Part 1 GENERAL

1.1 SECTION INCLUDES

- A. Cylindrical cast-in-place concrete column forms with smooth interior surface.

1.2 RELATED SECTIONS

- A. Section 03 30 00 Cast-In-Place Concrete

1.3 REFERENCES

- A. American Concrete Institute (ACI): ACI 301 – Specification for Structural Concrete.

1.4 SUBMITTALS

- A. Comply with Section 01 33 00 Submittal Procedures.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened container and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage:
 - 1. Store concrete forms in accordance with manufacturer's requirements.
 - 2. Store concrete forms vertically, on end. If stored horizontally, tubes shall be level, supported by their full length and not less than 4 inches (101mm) off the ground.
 - 3. Store concrete forms in clean, dry area, under cover and protected from rain and excess moisture.
 - 4. Do not dent, scratch or damage interior.
 - 5. Do not drop them.
- C. Handling: Protect forms during handling and installation to prevent damage.

1.6 Quality Assurance

Manufacturer's standard limited warranty against material and manufacturing defects.



PART 2 PRODUCTS

2.1 MANUFACTURER

A. Acceptable Manufacturer: Greif, Inc., which is located at: 425 Winter Road, Delaware, OH 43015 Phone Number: (740) 549-6000 Email address: Doug.Courtney@greif.com or Marty.Lotzer@greif.com

2.2 CYLINDRICAL CONCRETE FORMS

A. Concrete Forms: Greif's Easy Pour Concrete Forms manufactured by Greif, Inc., and as follows:

1. Tube Wall Thickness and Lengths: Typically varying from 12 feet (3.66m) and 24 feet (7.3152m) lengths and a range of 0.125 inches (3.175mm) to 0.600 inches (15.24mm) wall thickness as required.
2. Outer Tube Coating: Moisture and weather-resistant.
3. Inner Tube Surface: Smooth with spiral seam, moisture barrier coating.
4. One-piece one-time use forms.
5. ID ranges from 6" to 60". One continuous length up to 24'

PART 3 EXECUTION

3.1 EXAMINATION

A. Examine locations to receive column forms. Notify Architect if locations are not acceptable. Do not begin erection until unacceptable conditions have been corrected.

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3.2 INSTALLATION

- D. Do not use forms that are out-of-round, deformed or contain defects that could impair concrete surface.
- E. Remove dirt and debris before placing concrete form over steel reinforcing bars and before placing concrete.
- F. Erect column forms plumb and brace to maintain plumb of form throughout pouring and curing of concrete.
- G. Erect column forms at locations and to elevation as indicated on the Drawings.
- H. Avoid damaging interior surface of forms during installation.
- I. Brace to maintain plumb form throughout pouring and curing of concrete.
- J. Brace/secure forms top and base.
- K. 2 x 4 frame/collar or similar rig applied at top of form (and bottom if installed on concrete slab). Secure bottom collar to concrete slab.
- L. Keep form stable with anchored bracing separated at 90 degrees.
- M. Forms over 12'--- a collar/braces can be added to the middle of the form for additional support. Anchor bracing separated at 90 degrees.



- N. Waterproof and reinforce openings cut into forms.
- O. Protect forms from rain and snow if work is delayed and forms have been positioned for placing concrete.
- P. Place waterproofing sheeting over top of forms to prevent damage to interior surface by rain or snow.
- Q. Do not allow forms to stand in water or snow before placing concrete.

3.3 PLACING CONCRETE

- A. Place concrete as specified in Section 03 30 00, unless otherwise specified in the section.
- B. Do not place concrete if column forms are wet.
- C. Greif Easy Pour forms up to 24' are designed to withstand the full hydrostatic pressure of single pour/lift. Do not exceed ACI recommendations for pour rates.
- D. Apply non-staining or non-discoloring form release coating to interior surface.
- E. Concrete must be vibrated during pour.
- F. Do not touch interior surface of forms with vibrator.
- G. Do not vibrate concrete from exterior of forms.

3.4 REMOVAL

- A. Strip forms in accordance with industry best practices, including the following:
 - 1. Use portable electric saw set to depth just short of form thickness to cut forms for removal.
 - 2. Make one or two evenly spaced cuts with portable saw before stripping forms.
 - 3. Prevent damage to concrete from form removal.
 - 4. Adhesion of concrete to form increases over time. Remove forms as soon as removal will not damage concrete, a minimum of 24 hours and a maximum of 5 days after placing concrete

END OF SECTION