



# PCF<sup>®</sup>

## PLASTIC COLUMN FORMS<sup>®</sup>

- Light weight
- Cost Effective
- Reusable
- Stackable

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# LIGHT WEIGHT

- A 24" dia x 8 ft. 1/2 section weighs only 40 pounds, easily carried by one person. In comparison, a 24" dia x 8 ft. fibre tube weighs 55 pounds.
- No crane handling required.
- Fast jobsite assembly - forms can be handled by one person, cutting down on labor costs.



# SUPERIOR FINISH

Our forms produce a spiral-free finish compared to the traditional fiber tube. Save time and labor costs by eliminating sanding and extra finishing methods.

# WATERPROOF

Our plastic column form is not only waterproof, but rust proof as well. It is unaffected by weather conditions and can be used in rain, underwater, snow or be stored indoors or outdoors. However, indoors is recommended.



# STACKABLE

Flanges on one foot centers permits our PCFs to be used:

- Full length or higher.
- Easily cut to shorter lengths as desired.
- Stacked for longer lengths.



# PRECAST

Our Plastic Column Forms work well with precast applications. They are easy to clean, reuse and store. Customize the form by drilling, cutting or using a chamfer ring for rustification.



# REUSABLE

“How many reuses will I get from each form?”  
For example A & R Concrete Products, New Windsor, New York formed 3,100 precast light pole bases, using just 30 24-inch diameter Deslauriers plastic column forms. The answer is dependent on how you take care of the forms and how they are used.



Intelligent Concrete Concepts (Williamstown, NJ) is still using the same Deslauriers Plastic Column forms they bought back in 2008. That is roughly 8 years with approx. (on the light side) 2 pours a week. That's approx. 850 pours with the same form and still counting.

- Jim Cutts, Intelligent Concrete Concepts



## CUTS LABOR COST *-Let's Compare!-*

SINGLE USE FIBER TUBE		PLASTIC COLUMN FORMS
SET AND PLUM	1 hour	15 minutes
STRIP	1 hour	15 minutes
FINISH	1 hour	15 minutes
TOTAL	3 hours x \$60.00 hr = \$180.00	.75 hours x \$60.00 hr = \$45.00



# FAQ (FREQUENTLY ASKED QUESTIONS)

## How high can I pour the PCF?

The height is not the issue, but rather how fast should you pour. Deslauriers recommends a pour rate not to exceed 1200psf or an 8 foot liquid head at 70° F. Furthermore, standard practices limit concrete free fall to a max of 5 feet.

## Can the Plastic Column Forms be stacked?

Yes, Deslauriers sells a plastic drill template that can be used to drill the flanges of the attaching forms. After the holes are drilled, use the ½" nuts and bolts provided to connect the forms.

## How do you brace a Plastic Column Form?

Standard pipe braces or turnbuckles can be used and attached to the vertical or horizontal ribs using nuts and bolts.

## Do I need to use a special form oil?

No, any form oil will work.

## How many reuses can I get?

The actual number of reuses of the PCF is dependent upon various jobsite conditions. Higher liquid head, higher rates of pour, excess vibration, drilling of holes, and rough handling place greater stress on the form. These stresses and the severity of same can result in a detrimental effect upon the reusable life of the form.

## Why are there two sets of holes on the vertical flanges?

There were several reasons for this concept. The inner 3 hole pattern allows for a tighter joint for higher pours (4 feet or more). Whereas, the outer 2 hole pattern is sufficient for shorter pours-thus saving on labor. The outer holes, along with the center vertical rib, allow for the attachment of bracing.

## Can I cut the Plastic Column Form to a custom size?

The Plastic Column Forms can be cut between the double flange at the 4 foot level with a hand saw or a Sawzall and still be utilized back to the 8 foot level. These forms are marked at one foot intervals and can be cut anywhere.

## How do you brace the PCF?

Basically the same as a fiber tube, use a template at the bottom and plumb with a wood 2 x 4 or turnbuckle.

## What's the best way to clean?

First, a light coat of form release will help prevent concrete buildup. To clean, we suggest muriatic acid or light power wash.

## Can power tools be used to tighten bolts?

Sure, but carefully. Over-tightening the bolts can cause the bolt head or nut to dig into the flange creating a possible weak spot. When possible hand tighten or use a washer as a backup.

## Can attachments be nailed to a PCF or should you first drill a pilot hole?

The form may develop a split if attempting to nail, thus drilling is recommended.

## Can external vibrators be used on the PCF ?

Yes, Suction mount modes such as the Vibco Stick IT (vibco.com) model work best.

Please note that form failure may occur from excessive rates of pour, excessive vibration, punctures, and other jobsite conditions over which Deslauriers has no control. Since Deslauriers makes no installations nor enters into any contracts with others for the installation or use of this product, no warranty is expressed or implied for the sale of this product.

CATALOG #	Description
PCF1296	12" DIA X 8FT
PCF1696	16" DIA X 8FT
PCF1896	18" DIA X 8FT
PCF2096	20" DIA X 8FT
PCF2496	24" DIA X 8FT
PCF3048	30" DIA X 4FT

U.S. PATENT# 5,255,888  
CANADIAN PATENT 2,070,090



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