

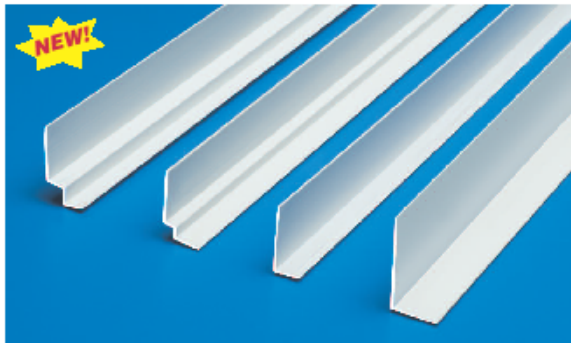
# Radii Trim System™ by Plastic Components

[Click Here For Installation Demo](#) – YouTube

Radii Product Data Sheet



## The RADii™ Trim System



### The RADii™ Trim System

Simple convenient, efficient way to finish a suspended ceiling terminating at a curved wall or surface.

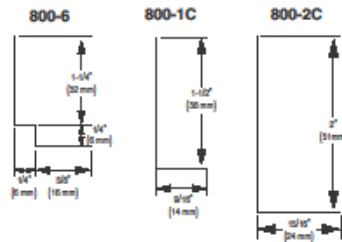
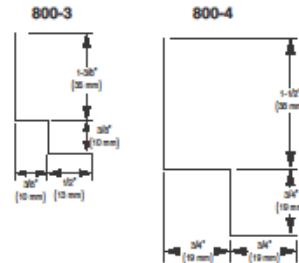
- Eliminates expensive extruded metal column rings, radius reveal moldings and wall angles.
- Perfect for outside and inside radius treatments, including compound or S-shapes.

PRODUCT INFORMATION

### Minimum Radius - RADii™ Trim System

Catalog Number	Inside Radius	Outside Radius	Product Length	Linear Length (ft)(m)	Packaging (Pcs per Tube)
PC800-1C	15 in. (38 cm)	15 in. (38 cm)	10 ft. (3 m)	500 lf 197 lm	50
PC800-2C	24 in. (61 cm)	24 in. (61 cm)	10 ft. (3 m)	250 lf 98.5 lm	25
PC800-3	30 in. (76 cm)	30 in. (76 cm)	8 ft. (2.43 m)	200 lf 79 lm	25
PC800-4	54 in. (137 cm)	54 in. (137 cm)	8 ft. (2.43 m)	160 lf 63 lm	20
PC800-6	30 in. (76 cm)	30 in. (76 cm)	8 ft. (2.43 m)	200 lf 79 lm	25

Property	PC800-1C, PC800-2C	PC800-3, PC800-4 PC800-6
Hardness (Shore A, +/-3)	96	96
Instantaneous Specific Gravity (+/- .02)	1.31	1.31
Tensile (PSI)	>3000	>3,000
100% Modulus PSI	>1900	>1,900
Elongation %	>200	>200
Ignitability (ASTM D1929)	346°C	330°C
Flammability (LOI/ASTM D2863)	45-49	46-48
Flame Spread (ASTM E1 62)	10	10



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## The RADii™ Trim System



### Installation Instructions - Standard Application General Application Information

- A. This is a TRIM system. It is not designed to support, nor will it support the weight of the grid.
- B. Do not use pop rivets in Radii Trim Products without consulting the factory.
- C. Do not use a hair dryer in place of a heat gun.
- D. The wall angle MUST closely conform to the radius. This is CRITICAL.

Many installers find that placing a metal hanger strap against the vertical leg, then attaching the wall angle to the wall through the metal strap ensures the snug fit required for best results. A snug fit is especially important for INSIDE radius applications.

- E. The following Minimum Radius Table will help to properly install the product

Catalog No.	Minimum Inside Radius	Minimum Outside Radius	Size
PC800-1C	15" (30 cm)	15" (30 cm)	9/16" (16 mm)
PC800-2C	24" (61 cm)	24" (61 cm)*	15/16" (24 mm)
PC800-3	30" (76 cm)	30" (76 cm)	3/8" (10 mm) Reveal
PC800-4	54" (137 cm)	54" (137 cm)	3/4" (19 mm) Reveal
PC800-6	30" (76 cm)	30" (76 cm)*	1/4" (6 mm) Reveal



### Installation Instructions See note D.

While not essential, attaching the wall angle to the wall through a metal hanger strap ensures the snug fit required for best results. This is especially true for INSIDE radius applications.

#### OUTSIDE RADIUS

NOTE: A heat gun is NOT REQUIRED for outside radius installations.

1. Attach one end of the wall angle to wall with any standard fastener system (including industrial adhesives). If using an adhesive, a mechanical fastener must also be used.

NOTE: Electrical tie wraps (brand name: Panduit Straps) and a tensioner device (also from Panduit) are often used as inexpensive, easy-to-install column collars.

2. Continue to "walk" down the wall every 1 to 3 inches (depending on the radius) with a standard fastener until the entire wall angle section is installed.
3. To size length of wall angle, install as instructed above (#2) until the radius ends. Use a utility knife to score the wall angle where you want the radius run. Break the wall angle along the scored lines.

#### INSIDE RADIUS

The wall angle for an inside radius application must be installed before using the heat gun.

1. Place wall angle along the area where it will be installed WITHOUT PERMANENTLY ATTACHING WALL ANGLE.
2. Place the first PERMANENT fastener in the center of the wall angle.
3. Install the next fastener 1 to 3 inches to the right; the distance depends on the radius. Install the next fastener 1 to 3 inches to the left of center. Continue installing alternating fasteners so there is a SNUG FIT against the wall. A snug fit against the wall is critical for inside radius applications. Suggestion: At this point many installers lay in the ceiling tiles to expedite the shrinking process.
4. Use a 1200-watt heat gun – not a hairdryer. Begin at one end of the installation. Apply heat in a "stroking" motion toward the opposite end of the wall angle. DO NOT APPLY HEAT FROM THE CENTER OUTWARD.

Unless the tiles have already been installed (see #3 above), allow the installation to cool before installing the ceiling tiles.

On INSIDE radius treatments the horizontal leg – the one showing after installation – will ripple and become uneven when installed. **THIS IS NORMAL.** The ripples can be removed with any standard heat gun. Start at one end of the installed wall angle and direct the hot air on the rippled leg. Use a smooth stroking motion when applying the heat. The ripples will shrink and disappear to form a perfect inside radius.

