Mesa Precast is a specialty manufacturer serving the southwest and western regions of the United States with masonry styled products for homes and commercial structures. Mesa Precast is locally owned and has been a prominent player in providing architectural precast elements for over 15 years.

Mesa Precast produces architectural and ornamental cast masonry products that simulate natural stone at an affordable price. The product is available in both a traditional weight and a lighter weight (GFRC-glass fiber reinforced concrete.)

Mesa Precast provides a full range of services to meet customer needs. Experienced sales representatives are always ready to provide a quote on products from architectural plans, suggest an appropriate product selection on new and remodel projects, and suggest features that fit any taste and budget.

Mesa Precast is committed to providing a wide variety of services to assist residential and commercial customers. Equipped with seasoned and professional sales and technical staff, Mesa Precast can provide the following services: design advice, product takeoffs, CAD work, submittal drawings as required by owners or architects, etc. A beautiful showroom displays numerous examples of how architectural products may be used. A conference room is available for customer’s convenience.
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## Color Swatches

- Tusk
- Mocha Caramel
- Latte
- Nuss Brown
- Chocolate
- Tan
- Vanilla
- Natural Gray
- Antler Tan

The color samples shown are approximate and represent as close as possible to the appearance of the precast provided by Mesa Precast.
Concrete Columns

- Mesa Precast columns incorporate many architectural styles from “old-world traditional”, to “contemporary-modern” themes utilized in residential and commercial applications

SOLIDS
- Engineered for structural use
- Hardware for installation included

SPLITS
- Typical application is to wrap a structural post
- Cavity size varies by shaft diameter (see chart)
Glass Fiber Reinforced Concrete Columns

- GFRC is a light-weight product manufactured using a cement/aggregate slurry reinforced with Alkali-Resistant glass fibers
- Up to 75% less weight than typical concrete
- For non-structural use
- Do not fill with concrete
- Grout seams only
- Provides superior consistent finish

Dimensions are nominal.
Modular Column Bases

- Modular columns are created by stacking bases, shafts, and capitals
- Modular columns provide solutions for achieving most heights
- Typical application is to wrap a structural post
- See page #10 for capital selection
Modular Column Shafts

Modular Corinthian Example

C-S-14

C-S-10

MC-S-2S

MC-S-1S
- Modular decorative columns are created by stacking assorted components to achieve a given height
- For non-structural use
Decorative Column Shafts

Concrete  GFRC

SMC-8S

SPC-48-12

SPC-53-5

FS-12DT

Decorative Column Example
Capitals

SD-C

MC-C-RP

MC-C-15

MC-C-25

MC-C-25R

MC-C-2SR

C-C-P

C-C-20

C-C-19

C-C-12

C-C-10
Specialty Columns

- Sorrento and Sorrentino produced in all GFRC only
- Helsinki produced in Concrete only

*Shaft can be cut to desired height*
• Bases and handrails are manufactured in three foot sections
• Balusters manufactured with a piece of reinforcing rebar
• Adapter available for stairs
• Bases can be produced with or without weep holes
• Inquire which balustrade systems meet code*

*verify UBC code requirements locally
Pier Caps

- Used to cap masonry columns, pillars, mailboxes and more
- Flat pier caps present the opportunity to add elements such as spheres, finials or lighting

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SB-8
- 10 3/4"
- 14 3/4"
- 11 3/4"
SB-11
- 15"
- 20"
- 18 1/2"
SB-14
- 13 3/8"
- 20"
- 18"

Pier Caps
Pier Caps

A  B  C  D
PC-15  14 1/4"  14 1/4"  2 1/2"  12"
PC-18  18"  18"  2 1/2"  15"
PC-24  24 1/4"  24 1/4"  2 3/8"  21"

A  B  C  D
PC-27  27"  27"  2 1/4"  23 3/4"
PC-28  28"  28"  3 1/4"  25"
PC-32  32"  32"  3 1/4"  29"
PC-36  36"  36"  3 1/4"  33"

A  B  C
FC-20-4  20"  20"  4"
FC-24-4  24"  24"  4"
FC-28-4  28"  28"  4"
FC-32-4  32"  32"  4"
FC-36-4  36"  36"  4"
FC-44-4  44"  44"  4"
Wall Caps

- Used to cap walls such as planter, site, seat and parapet
- Serves as protection from weather conditions
- Wall cap provides transition between masonry and other exterior finishes
Decorative Moldings

Large Egg & Dart

Medium Egg & Dart

Small Egg & Dart

#1 Dentil Frieze

#2 Dentil Frieze

#3 Dentil Frieze

#4 Dentil Frieze

Acanthus Leaf

Venetti Leaf

CM-2

Bead

Twist
Fireplace Designs

- Custom design and field cut to specific requirements
- Numerous color selections available
- Available in lightweight (GFRC) or concrete

Caterina

Lorenzo

Stafford

Rimini
Fireplace Designs

Norwich

Vicenza

Dublin

Florence

Oxford

Newcastle
Fireplace Designs

One piece mantels can be combined with any corbel design for fireplaces, bookshelves and more.
Ornamental Elements

Angel
Depth 2 3/4"

DP-1
Depth 4"

DP-2
Depth 3 1/2"

Shield
Depth 2 1/2"

Cartouche-1
Depth 3"

Cartouche-2
Depth 1 3/4"

Conch Shell-2
Depth 16"

Conch Shell-1
Depth 10 1/2"
NOTE: All Chimney Pots Manufactured in GFRC only
*Available in one piece only.
Scuppers & Splash Blocks

SB-A Splash Block

SB-B Splash Block

SB-C Splash Block

SB-D Splash Block

SC-1 Scupper

SC-2 Scupper

SC-3 Scupper

SC-4 Cannon Scupper

SC-5 Scupper

SC-6 Scupper
**Window Surrounds & Stair Treads**

**Window Surrounds**
- Mesa Precast recommends installing windows during the framing stage of a project.
- Window surrounds are produced in GFRC only.

**Stair Treads**
- Engineering is required for most stair tread applications prior to manufacturing.
- Stair treads are custom manufactured per design.

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*AP and OL designate an additional lip, changing the inside measurement. All other measurements will remain the same.*
Pavers & Quoins

Pavers can be used for many applications including fireplace designs, walkways, patios, wall veneer, stair treads and more.

Pavers

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Quoin Corner Example

17 3/4" x 9 3/4" x 2"
Warranty: Mesa Precast provides a limited warranty on all products it sells. The warranty provides the product will be within industry standards of appearance and free from defects in material, for a period of one year from the date the product is shipped to the customer. Defective products will be either repaired or replaced at Mesa Precast’s option. Products damaged during installation are not covered by this warranty. Likewise, products that have visible defects or damage upon arrival at the job site must be reported to Mesa Precast under this warranty before installation. Installed products are considered accepted and are beyond this warranty. Hairline cracks and crazing on the surface of precast products are common, since precast is a masonry product. Such conditions are not a warranty issue, and do not effect the integrity of the precast.

Color/ Texture: The color of precast material has the potential to vary from piece to piece since the product is made primarily from materials occurring in nature. If a custom color is desired, a control piece of the stone should be requested and approved, prior to production. Weather conditions, sand sources, and cement formulations can all have an effect on color. Color variation gives the product a natural look, much like quarried stone. The finish of precast is either smooth or textured. Smooth precast has a surface similar to concrete. The Mesa Precast textured finish provides a random and irregular pattern of indentions, giving the effect of a beautifully worn finish. Both smooth and textured finishes may be, but need not be, painted or faux-finished.

Installation: Mesa Precast is a manufacturing company and does not install precast. Persons and firms that are familiar with the proper installation of precast products include masons, general contractors, remodelers and persons who specialize in precast who are sometimes called installers. Customers should deal with installers that are experienced in precast installation and have knowledge of these products, and those firms that have a well regarded reputation. Mesa Precast does not warrant the work of any installer. Make sure a discussion is held with the installer describing the precast item desired to be installed, and the conditions that are present. Certain products require more skill than other products to install. For example, mantels and surrounds are not hard to install, but need to fit precisely in order for the material to look its best. Larger pieces of precast may require additional attachments. Also, many times precast will need to be field cut, since the product is manufactured in fixed lengths.

Dimensional Tolerance: Typical dimensional tolerance for precast material is plus or minus \(\frac{1}{8}\)”. This applies to all sectional dimensions, as well as widths and thickness. Precast is usually hand-cast; this process requires a “draft”, or a taper (slant) on the mold for a proper release.

Lead Time: Mesa Precast’s normal lead time is two to four weeks. However, based on production work load and special mold requirements, lead time may increase. Discussions with one of Mesa Precast’s customer service representatives are encouraged at the time an order is placed.

Delivery: Mesa Precast and Supply offers delivery of most products with its company truck for an additional charge. The customer also has the option of picking up product by way of other carriers.

Returns: In most cases, returns are not allowed due to the custom nature of the product and order. However, if a return is authorized, it is subject to a 25% restocking fee. Returns are allowed at the sole discretion of Mesa Precast and Supply.