

Pre-cast, mantel surrounds for fireplaces. Suitable for noncombustible interior and covered exterior applications.

The Product

Specifications

- 1" (25mm) material thickness
- High-performance fiber-reinforced concrete

Texture / Colour

• Smooth

polished matte finish



White



Buff



Smoke



Natural



Ash



Charcoal



Linen



Buckskin



Java



Earth



Black

• Distressed

weathered matte finish



Buff



Smoke



Natural



Ash



Charcoal



Black

Weight

At a consistent 1" material thickness, our mantels weigh approx. 5.24 kg/sq. ft (11.53 lb/sq. ft).

Pricing

Approx. price for mantels are typically between \$4000 - \$8000*

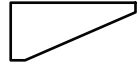
*pricing will vary based on size, profile and complexity. Jobs will be accepted on the basis of a formal quote.

Profile Options

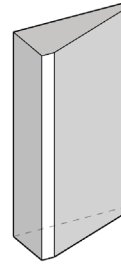
All profiles are semi-customizable based on your unit and desired mantel size. Custom profile designs may be considered within limitations.

- **Beveled Mantel**

Leg/header width, banding and depth are customizable.



Top View



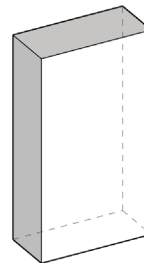
Front View

- **Squared Mantel**

Leg/header width and depth are customizable within limitations. Integral seams may be required if total mantel height is >58" in Smooth or >46" in Distressed.



Top View



Front View

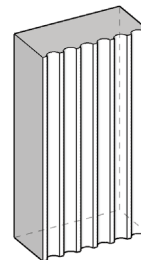
- **Fluted Mantel**

Leg/header width and depth are customizable.

Only available in Smooth.



Top View



Front View

The Process

01 Quote

All mantels are made-to-order and hand-cast to your specific requirements.

The following information is required to provide a formal quote:

- Unit specs and/or approx. fireplace opening dimensions
- Desired profile/design from *Profile Options*, ref page 2.
- Shipping address

Please email to info@anthonyconcretedesign.com

02 Accept

Accepting your formal quote will serve as confirmation to move forward with processing your order and sending you colour/texture samples.

03 Finalize

Once payment is received, colour and texture is chosen and mantel profile/design has been confirmed, your project will move into fabrication. Design drawings will be provided.

04 Fabrication

Typical fabrication lead times are 6-8 weeks. Lead times vary and are determined by the projects in the production queue at the time of ordering.

05 Crating / Shipping

All mantels will be shipped in large, made-to-fit wooden crates and properly prepared/secured on an A-Frame for travel.

06 Receive Shipment

Residential orders are delivered curbside by appointment.

Any shipment over 84"L may require a forklift on site to remove from shipping truck.

It is the responsibility of the client to confirm and/or arrange receipt of goods with carrier. Cost of forklift or other materials required for delivery to be incurred by the client.

07 Install

We recommend hiring a local stone installer or contractor who is comfortable and experienced in working with stone and/or concrete materials.

An *Installation Package* will accompany your mantel with equipment, instructions and guidance from our team of concrete artisans to assist with the installation process.

08 Enjoy

Enjoy your new concrete mantel and embrace it's natural properties.

Installation Package

The following items will be included with your concrete mantel + hearth shipment if applicable to your specific project:

- Xcel Instant Grab Adhesive (<http://xcelproducts.ca/adhesives-sealants/iga/>)
- PL Premium Construction Adhesive (https://www.lepage.ca/en/lepage-products/build-things/construction-adhesive/pl-construction-adhesive/pl_premium_constructionadhesive.html)
- Keracaulk S caulking (<http://www.mapeihome.com/keracaulk-s>)
- 1-1/4" diameter concrete support pegs (qty. 2)

Recommended Tools

- Metal square/ruler
- Level
- Measuring tape
- Dusting brush
- Painter's tape
- Caulking gun
- Safety glasses
- Protective gloves
- Dust mask and vacuum

Notes

We recommend that the concrete mantel + hearth be stored in the room where they will be installed, for at least 24 hours, in order to become acclimatized to the room's temperature and humidity.

Do not handle the concrete mantel + hearth without clean hands or clean gloves.

Put down foam or blankets on the floor/installation surface to prevent damage to the concrete pieces and ensure the mantel and hearth do not hit against each other or anything else, to avoid chips. Edges/corners are especially fragile.

Always dust pieces after any cutting.

Preparation Guide

Concrete mantel + hearth must be installed over a flat, dry substrate that has been vacuum cleaned and is completely dust-free. Failure to properly clean the surface may inhibit the adhesive from properly adhering.

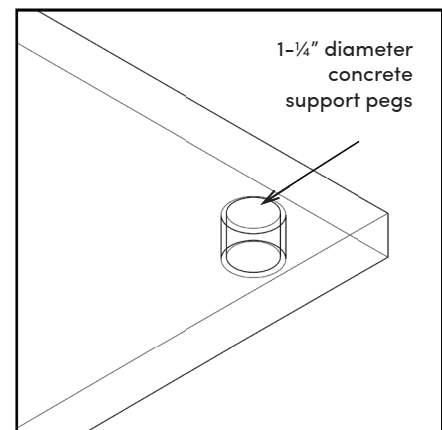
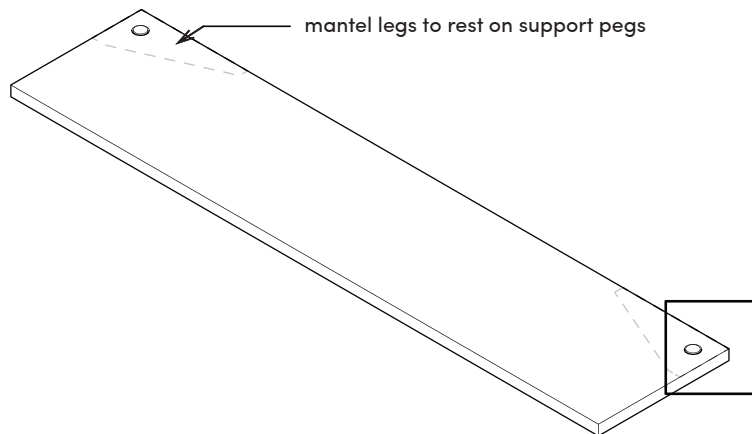
Suitable Substrates

Concrete pieces can be applied to drywall, plywood, cement board, steel and concrete surfaces using the provided adhesives. The substrate must be plumb, level and stable.

Installation Guide

Installing In-floor Concrete Hearth (if applicable)

1. Place concrete hearth onto finished floor and template necessary opening with painters tape.
2. Cut opening into floor. Vacuum and dust opening, and dry fit the hearth piece before applying any adhesive to ensure hearth is level with the finished floor, from all angles.
3. Apply dots of *PL Premium Construction Adhesive* across the back of the hearth piece, spaced every 6".
4. Gently place the hearth into opening, applying firm pressure across the full length of the piece. Dust hearth top once in place.
5. Place 1- $\frac{1}{4}$ " diameter concrete support pegs into 1- $\frac{1}{2}$ " round openings in the hearth piece. Ensure pegs are at least $\frac{1}{16}$ " above hearth surface. Shim up as necessary.



Installing Mantel Surround

1. Dust hearth top and wall surface and place a sheet of foam or cardboard over the hearth surface to ensure it is fully covered. **Do not step or put pressure on hearth surface for the remainder of the install.**
2. Carefully lift the mantel surround and place into position with the fireplace unit. Do not drag across or against concrete hearth.
3. Once mantel is in place, carefully tilt the mantel away from the wall to expose the back edge. Apply a clean bead line of *Xcel Instant Grab Adhesive* along the entire 1" outer mantel edge.
4. Gently tilt the mantel back into place, and apply firm pressure against the wall/substrate.
5. Carefully remove foam or cardboard from under the mantel legs.

End of Installation

1. Allow 24-48 hours for adhesive to set.
2. Apply painters tape to the mantel leaving a 1/16" reveal where the mantel meets the wall.
3. Apply caulking into the gap/seam, fully filling in the gap and, with light pressure, wipe off excess caulking. Be careful not to go too deep when wiping off excess caulking as the caulking will shrink when it dries.
4. Repeat process for all applicable seams, gaps and where the mantel/hearth meets the floor and walls.
5. Immediately after completing the caulking, carefully remove all painter's tape and allow the caulking 24-48 hours to dry.