

Pre-cast, lightweight concrete panels applied to walls. Suitable for noncombustible interior and exterior applications.

The Product

Specifications

- 5/8" (16mm) material thickness
- Naturally lightweight
- High-performance fiber-reinforced concrete

Texture / Colour

• Smooth

polished matte finish



White



Buff



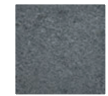
Smoke



Natural



Ash



Charcoal



Linen



Buckskin



Java



Earth



Black

• Distressed

weathered matte finish



Buff



Smoke



Natural



Ash



Charcoal



Black

• Raw

natural finish with bug holes



Buff



Smoke



Natural



Ash



Charcoal

• Board Formed

wood grain finish



Smoke



Natural



Ash



Charcoal

Sizes

Custom panel sizes available within limitations

- Smooth

Maximum length: 94" (2388 mm)

Maximum width: 58" (1473 mm)

- Distressed, Raw and Board Formed

Maximum length: 94" (2388 mm)

Maximum width: 46" (1168 mm)

Maximum recommended size per panel: 16 sq. ft

Weight

At a consistent material thickness of 5/8", our panels weigh approx. 3.28 kg/sq. ft (7.22 lb/sq. ft).

Pricing

Approx. price per sq. ft is \$32 - \$45*

*pricing will vary based on sizes and quantities. Jobs will be accepted on the basis of a formal quote.

The Process

01 Quote

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

The following information is required to provide a formal quote:

- Approx. panel size(s) and quantities
- 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 samples.

03
Finalize

Once payment is received, colour and texture is chosen and panel size(s) and quantities have been confirmed, your project will move into fabrication.

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 products will be shipped in made-to-fit wooden crates and properly prepared 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.

Cost of forklift or other materials needed for delivery to be incurred by client. Customer to confirm and/or arrange receipt of goods with carrier.

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 concrete panels with equipment, instructions and guidance from our team of concrete artisans to assist with the installation process.

08
Enjoy

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

Installation Package

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

- Xcel Instant Grab Adhesive (<http://xcelproducts.ca/adhesives-sealants/iga/>)
- Keracaulk S caulking (<http://www.mapeihome.com/keracaulk-s>)
- Spacers
- Leveling Clips & Wedges
- Temporary Tile Supports

Recommended Tools

- Circular saw or table saw
- Diamond blade and guide rail
- 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 panels 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 panels without clean hands or clean gloves.

Put down foam or blankets on the floor/installation surface to prevent damage to the panels and ensure panels do not hit against each other or anything else to avoid chips. Panel corners are especially fragile.

Panels should be carried vertically by 2 people, one at each end. Be careful not to bend the panels.

Always dust off panels after cutting.

Preparation Guide

Concrete panels 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, causing the panels to shift. If necessary, a primer may be used.

Suitable Substrates

Concrete panels can be applied to plywood, cement board, steel and concrete surfaces using the provided Xcel Instant Grab Adhesive (or a thin-set mortar if applicable). The substrate does not have to be taped or mudded. The substrate must be plumb, level and stable.

Layout Considerations

Panels can be installed in any combination or pattern and can be cut to make bespoke sizes as required. Consideration for the location on finished edges is important. Concrete wall panels are consistently inconsistent with naturally occurring tonal and colour variation.

To achieve the desired mix of colours, shades and other characteristics on the final wall, and to avoid clusters of similar colour shades, all of the panels should be inspected before installing.

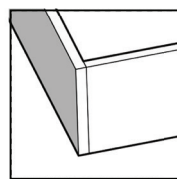
Installation Guide

Cutting & Dusting the Concrete Panels

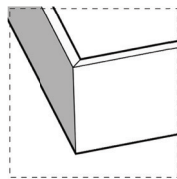
1. Always begin with the bottom tile and use 1/8" spacers to level the tile above the floor.
2. Always dust off a cut panel before applying any adhesive and dry fit the tile before applying any adhesive to ensure tile is level from all angles.
3. A very light grinding at a 45 degree angle on any cut edge of the tile will soften the edge for easier install and will help to blend the tiles for a finished look.

Applying the Concrete Panels

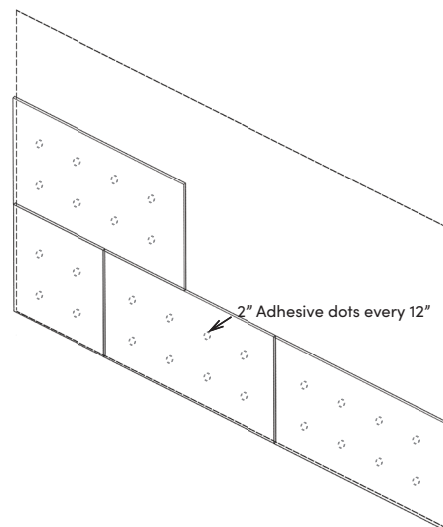
1. Apply dots of adhesive (2" in diameter) across the top, middle, and bottom of the panel, spaced 12" apart.
2. Place the tile against the wall gently, applying firm pressure across the full length of the tile.
3. Place 1/8" spacers on both ends of the top edge of the tile to maintain a 1/8" seam. If dry-stacking the panels (i.e. board-formed concrete tile), spacers are not required.
4. Place the levelling clips behind the top edge of the installed tile.
5. Dry fit the next tile, ensuring it is level and apply adhesive as before.
6. Gently place the tile above the previous tile, placing it onto the 1/8" spacers and the levelling clips and apply firm pressure again across the full length of the tile. Take care not to hit the tile below.
7. Place the levelling wedges into the clips to ensure that both panels are flush with each other.
8. Using the temporary tile supports, place the screws between the tiles and screw the supports into each OR every other stud. Tighten the screws until the tile support is flush with the tiles, ensuring that the tiles stay in place and allow the adhesive to set.
9. Repeat this process up to the ceiling, leaving a 1/8" gap between the top tile and the ceiling.
10. If outside corners need covering, the front panels should overhang by 1" to allow for side panels to be butt jointed in behind. Use the same process as for the face, allowing for a 1/8" gap on all 4 sides of the tile.



Butt Joint



Miter Joint



End of Installation

1. Allow 24-48 hours for adhesive to set.
2. Remove all temporary tile supports, levelling wedges and levelling clips.
3. Using painter's tape, leave a 1/16" reveal edge across the face of the tile.
4. Apply caulking into the gap/seam, fully filling in the gap and, with light pressure, wipe off excess caulking. Be careful to not go too deep when wiping off excess caulking as the caulking will shrink as it dries.
5. Repeat process for all seams, gaps, and where the tiles meet the floor, ceiling and walls.
6. Immediately after completing the caulking of the tiles, carefully remove all painter's tape from the tiles and allow the caulking 24-48 hours to completely dry.

Care & Maintenance Guide

Sealer

Panels are porous and sensitive and must be sealed prior to or after installation. We recommend using a water based polyurethane clear coat for long-lasting protection against water, oils and acids.

Concrete panels will be unsealed and will require a sealer application unless otherwise discussed and agreed upon.

Post Sealer Care

- Keep surface clean; wipe with damp microfibre cloth.
- Use only mild soap and warm water.

Caution

- Do not clean using any abrasives or chemicals.
- Chips may occur if struck with another hard object and are not easily repaired.
- Acids, vinegar, or fruit juices may leave a light stain.
- Oils may leave a dark stain that will fade over time.
- Sliding heavy or sharp objects across the surface can cause scratches and damage to the sealer.
- Do not use sharp instruments directly on the surface.

Maintenance

The appearance of your surface will likely change over time, due to wear and tear through normal use. The sealer may wear over time so, if the surface is no longer repelling as normal, resealing may be required.