



Concrete Wall Panel Installation Guide

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ANTHONY
CONCRETE DESIGN

Installation Guide

Congratulations on your concrete purchase from Anthony Concrete Design!

Here is an inventory of everything you should find inside your package/crate:

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

It is recommended 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 as they are a finished product and dirt & oils on hands can damage the finish.

Before placing concrete panels on the floor, put down foam or blankets 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.

RECOMMENDED TOOLS

1. Circular saw or table saw
2. Diamond blade and guide rail
3. Metal square/ruler
4. Level
5. Measuring tape
6. Dusting brush
7. Painter's Tape
8. Caulking gun
9. Safety glasses
10. Protective gloves
11. Dust mask and vacuum

Installation Guide

For information on prepping your surface before installing the concrete panels, please download our **Preparation Guide** on our website at www.anthonyconcretedesign.com/downloads/.

STEP BY STEP CONCRETE WALL PANEL INSTALLATION

CUTTING & DUSTING THE WALL PANEL

1. If covering a fireplace surround, start with covering the face of the surround. Always begin with the bottom tile and use 1/8" spacers for 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 WALL PANELS

1. Apply beads of adhesive (1" in diameter) across the top, middle, and bottom, or lines of adhesive from the top edge to the bottom edge, down the full length of the back of the panel, 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 covering a fireplace surround requiring panels on the sides of the fireplace surround build-out, repeat the same process as for the face, allowing for a 1/8" gap on all 4 sides of the tile.

Installation Guide

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.

POST-INSTALLATION CARE

For information on maintaining and caring for your concrete surface, please download our **Care & Maintenance Guide** on our website at www.anthonyconcretedesign.com/downloads/.