



INSTALLATION GUIDELINES

NOTES

- This is intended only as a quick reference to the basics of tile installation.
- Tape is adhered to the **front face** of the mosaic sheets. **Do not install this side into the setting material.**
- Carefully read all instructions before starting installation.
- Please read and follow all specific installation products guidelines and specifications.
- Installation should be performed in air temperatures between 41°F minimum and 86°F maximum.
- **Remember** the space between sheets should equal the space between tiles.

INSTALLATION PREPARATION

- Carefully assess the installation surface remembering that different substrates can require different preparation.
- Installation surface should be a smooth uniform plane. Installation on a highly varied surface will be difficult and may cause undesirable results.
- If possible, dry fit mosaic sheets and inspect before installing.

PRIMARY INSTALLATION TOOLS



NOTCHED EDGE TROWEL



RUBBER GROUT FLOAT



GROUT SPONGES



RAZOR BLADES



WATER BUCKETS



PAINT BRUSH OR ROLLER*

PRIMARY INSTALLATION MATERIALS



SETTING MATERIAL

Cementitious or epoxy-based thin-set material.

Suggested:
LATICRETE PLATINUM THIN-SET MORTAR



GROUT

Unsanded cementitious, epoxy or urethane-based

Suggested:
STARQUARTZ URETHANE GROUT



TILE

Labeled sheets of mosaic tile



WATER-PROOFING MEMBRANE*

Suggested:
LATICRETE HYDRO BAN

**Required if the mosaic is to be installed on a surface submerged in water*

STANDARD INSTALLATION STEPS

1. SKIMMING



- The installation surface must be smooth and clean to ensure proper installation.
- It may be necessary to lay a thin layer of setting material on the surface to ensure that it is ready for the tile.
- Allow 12 hours to dry if layer of setting material is needed.

NOTE: A waterproofing membrane needs to be applied to the uniform surface if the mosaic is to be submerged in water. This typically consists of rolling or spraying a liquid membrane onto the uniform surface prior to mosaic installation. Please follow manufacturer's instructions on waterproofing membrane application.

2. GUIDE LINES



- Measure the space in which the mosaic is being installed to determine the best fit for your tile.
- Use a straight edge and level to help you align the tile as you work.
- Construct a grid on the substrate that is equal to nine sheets of the tile.

NOTE: Be sure to account for the spaces between each sheet of tile when measuring.

3. APPLYING SETTING MATERIAL



- Mix setting material.
- **First coat:** apply setting material with the smooth edge of a trowel to a section no larger than one section of the grid.
- **Second coat:** create even ridges in the setting material by "combing" the material with the notched edge of the trowel.

4. INSTALLING



- The sheets of mosaic have a **clear tape covering on the front face of the tile.** This allows the mosaic design to be seen during installation.
- Apply the backside of each sheet into the setting material, with the **tape side face out.**
- Using a float tool, tap across the surface to adhere the mosaic securely into the setting material.

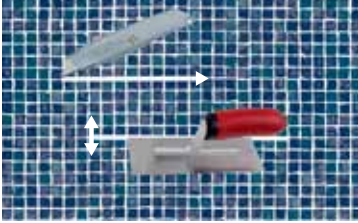
NOTE: The space between each sheet of tile should equal the space between each individual tile.

5. SECURING SHEETS



- It is important to create a secure bond between the tiles and the setting material.
- Using the float tool tap across the surface to adhere the mosaic securely.
- This also ensures the final exposed plane of the mosaic is consistent and uniform in height.

6. ADJUSTING THE SPACING



- This can be a time consuming process, but is important to ensure a professional installation.
- Adjust while material is still wet.
- Adjust any tiles that are uneven and ensure that all gaps are of equal width and height. Do this by cutting through the clear tape and moving tiles with a small trowel.

7. GROUTING



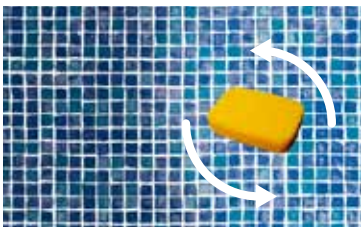
- Grout can be applied to a clean, dry surface. (See Step 8 "Expansion Joints")
- Before applying grout be sure that the mosaic surface is clean and all clear tape is removed from the tiles.
- Peel tape in a diagonal motion.
- Thorough cleaning may involve removing excess setting material from the mosaic's joints with a knife, as well as cleaning off all dust and particles.
- Mix the grout and spread from the bottom up in a diagonal direction using a small trowel. Squeegee in the opposite direction.

8. EXPANSION JOINTS (SEE EDGE FINISHING SECTIONS AT END OF GUIDELINES)



- Expansion joints should be installed at all "changes in plane" of the mosaic and where the mosaic meets an adjoining surface, such as in a corner. Fill these space(s) with a silicone caulking sealant in place of grout to create expansion joints at these locations.

9. CLEANING



- The mosaic should be ready to be cleaned about 30-60 minutes after grouting.
- Use a sponge and clean water and scrub in a circular motion, removing excess grout and smoothing all joints. Continue to wipe down the tiles until clean.

NOTE: Cleaning methods vary based upon the type of grout used in the installation. For example, a urethane grout must be cleaned earlier and more frequently than cementitious grout. Please follow the cleaning instructions provided by the grout manufacturer.

EDGE FINISHING

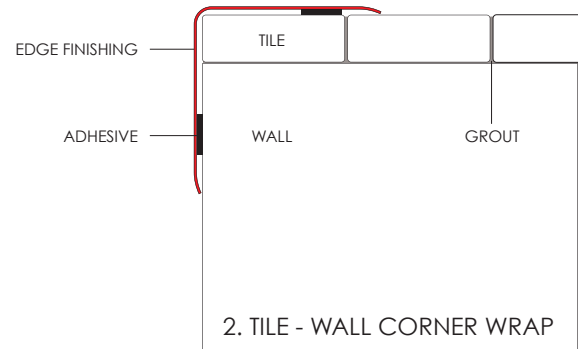
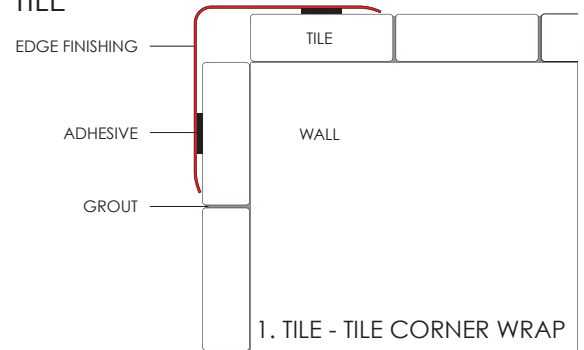
SPECIALTY PRODUCT (RECOMMENDED)



21 Drydock Ave. Boston, MA 02210 | 617 418 1928 | www.artaic.com

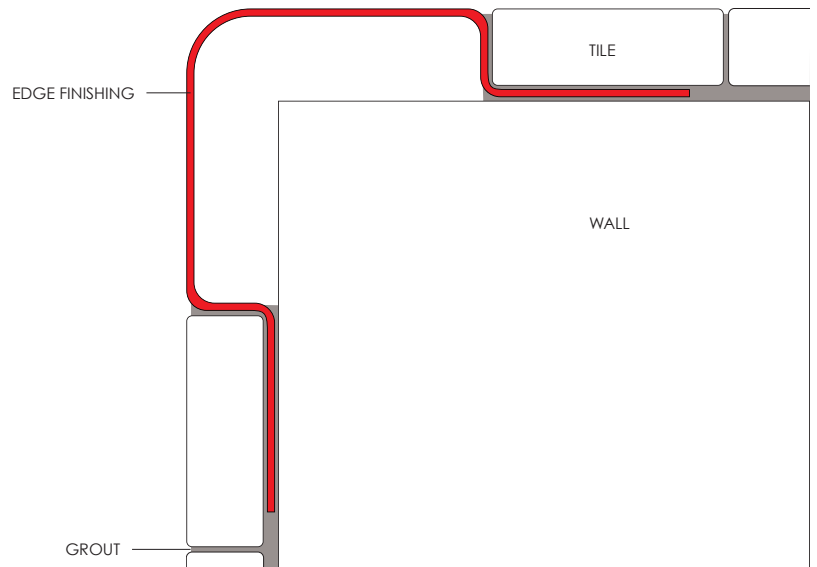
PRODUCT OPTION 1: WRAPPING CORNERS ON EXTERIOR OF TILE

- Edge finishing attached to face of tile with adhesive
- For use in following application scenarios:
 1. TILE - TILE CORNER WRAP
 2. TILE - WALL CORNER WRAP



PRODUCT OPTION 2: WRAPPING CORNERS - FLUSH WITH TILE FACE

- Edge corner finishing
- Edge facing flush with tile facing
- Finishing mounted beneath tile, within bed of mortar
- For use only in a Tile - Tile Corner Wrap application



EDGE FINISHING

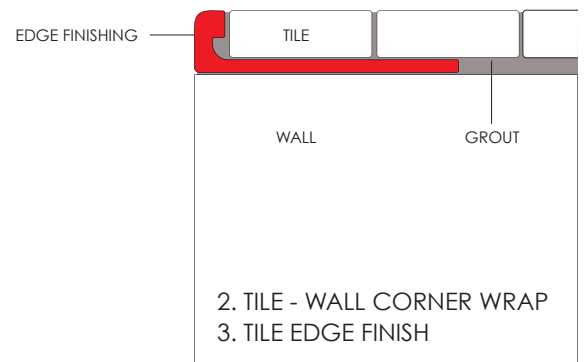
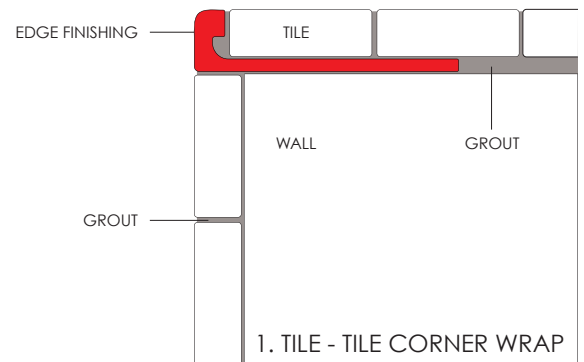
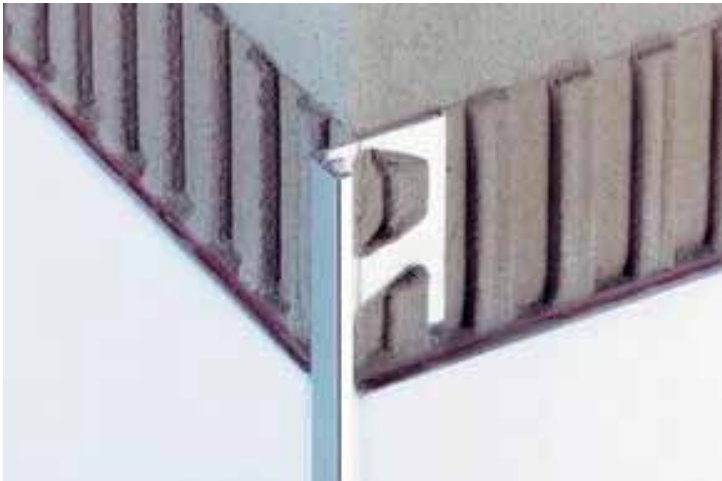
SPECIALTY PRODUCT (RECOMMENDED)



21 Drydock Ave. Boston, MA 02210 | 617 418 1928 | www.artaic.com

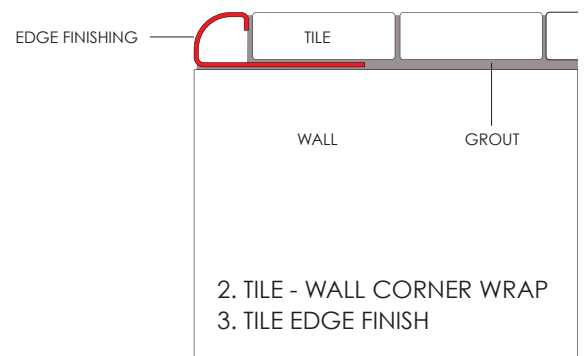
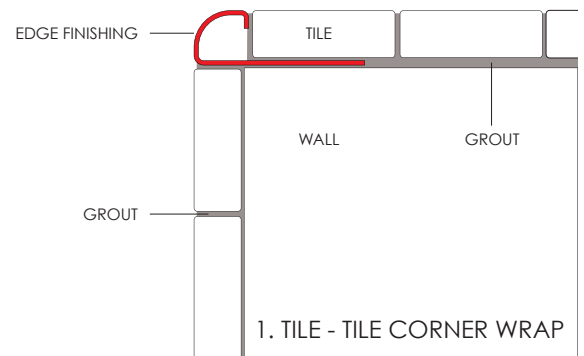
PRODUCT OPTION 3: TILE EDGE / CORNER WRAP - FLAT

- Finishing mounted beneath tile, within bed of mortar
- For use in following application scenarios:
 1. TILE - TILE CORNER WRAP
 2. TILE - WALL CORNER WRAP
 3. TILE EDGE FINISH



PRODUCT OPTION 4: TILE EDGE / CORNER WRAP - ROUND

- Finishing mounted beneath tile, within bed of mortar
- For use in following application scenarios:
 1. TILE - TILE CORNER WRAP
 2. TILE - WALL CORNER WRAP
 3. TILE EDGE FINISH



EDGE FINISHING

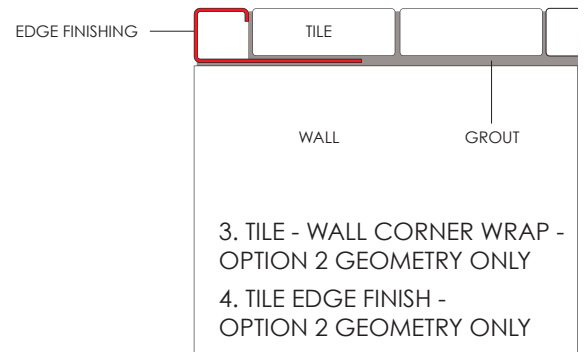
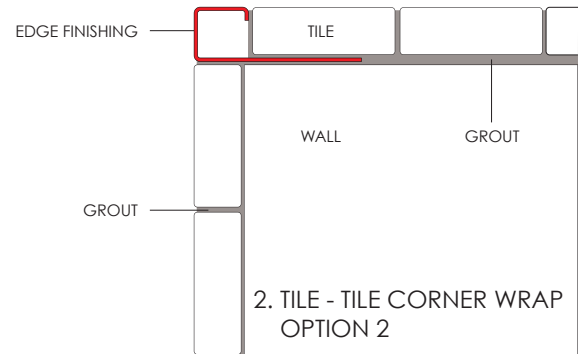
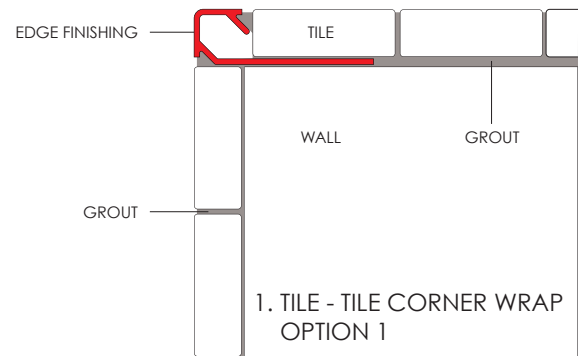
SPECIALTY PRODUCT (RECOMMENDED)



21 Drydock Ave. Boston, MA 02210 | 617 418 1928 | www.artaic.com

PRODUCT OPTION 5: TILE EDGE / CORNER WRAP - SQUARE

- Finishing mounted beneath tile, within bed of mortar
- For use in following application scenarios:
 1. TILE - TILE CORNER WRAP - OPTION 1 FOR $< 3/8$ " THICK TILE
 2. TILE - TILE CORNER WRAP - OPTION 2 FOR $> 3/8$ " THICK TILE
 3. TILE - WALL CORNER WRAP - OPTION 2 GEOMETRY ONLY
 4. TILE EDGE FINISH - OPTION 2 GEOMETRY ONLY



EDGE FINISHING

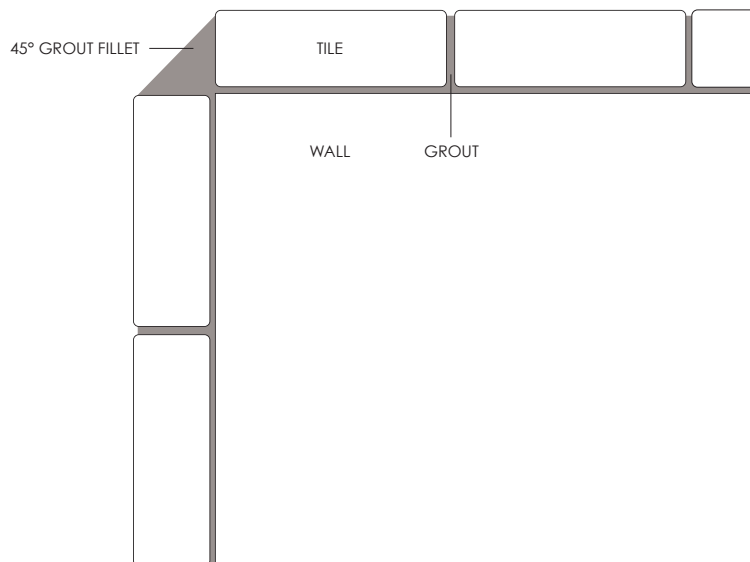
GROUT FILLET



21 Drydock Ave. Boston, MA 02210 | 617 418 1928 | www.artaic.com

FILLET OPTION 1: TILE - TILE CORNER WRAP

- Corner finish created with grout smoothed to 45° angle using float
- Fill exposed corner gap between change in planes with grout
- Drag float from top of corner downward, creating a flat, finished plane of grout



FILLET OPTION 2: TILE EDGE FINISH / FLUSH TO CORNER

- Edge of tile finish created with grout smoothed to 45° angle using corner of float or finger
- Fill edge of tile with grout
- Drag corner of float from top of mosaic edge downward, creating a finished 45° plane between tile and the wall/corner

