



pricing & usage details:

john whitmarsh – end grain

minimum order - 10 SF

usage

interior	exterior	floor	wall	wet wall	wet floors	water submersible	floor rating
yes	*yes	no	yes	yes	no	no	-

*conditional based on applications

End Grain Tiles (white and brown)

Installation Guide

GENERAL DESCRIPTION

End Grain tiles are unglazed, non-vitreous ceramic tiles, which are hand formed, fired and rectified for interior wall applications. Their key function is decorative as they are strictly a **handmade artistic tile**, created specifically to showcase irregular formations and a special surface that is matte in finish and highly textured.

End Grain tiles feature a repeat of 12 individual variations of end grain designs replicating that of worn wood end grain. They are currently available in two basic colors: white and brown. The surface is purposefully varied in depth for added artistic and textural dimension. Combining the tiles into an installation will result in a variation of surface depth and a finish that will form lippage from tile to tile. This resulting finish is **intentional and recommended**. For this reason, End Grain tiles are not recommended for use as a floor tile, except in non-traffic decorative applications.

SUGGESTED USAGE

End Grain tiles are useful in all areas of wall applications such as entry, splash, fire surround, etc. When specifying End Grain tiles in water areas, we recommend the use of a penetrating sealer, in accordance to the sealant manufacturers recommended application and maintenance instructions. Use of End Grain tiles in bathing areas should be limited to trim areas above shower grade. End Grain tiles are not recommended for pool tile installations. Fountain use is limited and we recommend contacting clé for specific instructions for use on your fountain project.

End Grain tiles for floor applications should be limited to areas with either no foot traffic, or greatly limited foot traffic such as borders or base applications.

INSTALLATION

TCNA guidelines and ANSI A108, 1118, & A136 – Version 2013, printing reference 2013.1 are to be used as references for substrate preparation and tile installation methods for **standard ceramic tile** projects and are required for proper installation. As with any tile installation, clé recommends that all situations falling outside the standards addressed by TCNA and ANSI recommendations be addressed, resolved and approved only by the project architect or engineer.

Due to the varied patterns of the End Grain designs it is recommended that installers choose tiles randomly from boxes and further examine the tiles being applied to create a non-repeating texture. Placement of similar textures together should be avoided.

For adhering End Grain tiles to your properly prepared substrates, standard thinsets modified with latex polymers are the recommended adhesives. The recommended trowel is a V-notch trowel, 3/16" x 1/4". It is further recommended that great care be used when applying the tiles to troweled thinset. The surface of the End Grain tiles should be kept clean and clear of any setting materials in order to reduce clean-up time, but most importantly, to protect the decorative surfaces of each tile.

As with any tile application, clé requires that all tiles be examined prior to installation. Any problems with End Grain tiles must be addressed directly to clé **prior to installation**. Installation of End Grain tiles signifies acceptance.

End Grain Tiles (white and brown)

Installation Guide (continued)

GROUTING

End Grain tiles were designed to eliminate the need for a large grout joint. Each and every tile is hand rectified using a tile saw to square up all edges. This allows the installation to utilize a tight joint with little to no need for grout. Should your installation call out for grout as a design feature, this will require the use of:

- 1) a grout release prior to grouting procedure.
- 2) grout that is in a color closely matching the tile color.
- 3) a grout bag to allow for direct insertion of grout into grout joint.
- 4) finger grouting techniques to form and smooth properly grouted joints in order to avoid any disruption of the decorative surface with the grout.

MAINTENANCE & SEALING

Proper maintenance of any ceramic tile is critical to the upkeep of a lasting installation. Upon completion of the tile installation and grouting, it is recommended that a penetrating sealer be used to maintain the finish of the End Grain tiles. This will allow for the limited need for cleaning and maintenance. The type of sealants available will allow for a variety of finishes to be determined by the designer or architect for the project. Please refer to the project designer or architect for sealant selection, and to the sealant manufacturer for proper sealant recommendations and applications.

For cleaning of End Grain tiles, we recommend the use of colorless and neutral PH cleansers- only to be used for the purpose of removing soil or stains. A nylon scrub brush used with such cleansers can be useful for particular rigorous maintenance as is necessary, and should be used only as a limited cleaning program.