



MANISCALCO®

Australian for Mosaics™



Barossa Valley Crystal Glass Usage – Installation – Care & Maintenance August 2011

Recommended Usage

Barossa Valley Crystal Glass may be installed on interior wet or dry vertical applications. If using in a wet area, the glass must be sealed with a penetrating sealer. It may stain if not properly sealed. Do not use on floors. Do not use in submerged installations like pools, ponds, hot tubs, or steam rooms.

It can be used commercially in most vertical locations. Also see ANSI 137.1

Due to the hand-made nature of this product, the grout joints between the pieces on the waterfall pattern may vary.

Installation Instructions

General

- 1) Barossa Valley Crystal Glass is ceramic tiles with colored glass filler. During the cooling process the glass crazes, giving it the cracked appearance. Each piece is unique.
- 2) All colors are V3 in shading. Make sure this product is inspected and accepted by the end user before installing. No refunds or adjustments of any kind will be made by Maniscalco or your supplier after the product is installed.
- 3) To cut, use a tile wet saw with a diamond blade designed for cutting glass. Pearl, MK, Target, and many other blade manufacturers make specialty blades for glass tiles. Always wear eye protection.

Suggested Installation Method

- 1) Always use a licensed contractor.
- 2) Always confirm in person with the end user / specifier that the product being installed is the correct product before installing.
- 3) Always inspect the product for unintended flaws that are not part of the fashion or style of the product. Do not install defective or damaged product. If there is a question about the quality of the product, contact your supplier before proceeding.
- 4) Make sure the substrate is suitable for tile. Choose and follow the best technique for your project.

TCNA handbook, page 10. And all pages pertaining to substrate preparation.

ANSI A108.1B, A108A2.1.8, C1396, C1396M-04

- 5) Make sure crack isolation membranes and water proofing membranes are considered for your type of installation where necessary.

TCNA handbook, page 9, 10

ANSI a118.10, A108.12

- 6) Make sure expansion joints and movement joints are considered and used when necessary. Keep this product over six inches away from an open flame. Extra soft joints

Barossa Valley Crystal Glass continued

may be required in high heat areas. Use a soft (caulking) joint between the tile and any other material in a continuous installation. Use a soft joint where two different planes come together. Use a soft joint every 6 feet in a continuous run, or according to the TCNA handbook. Use a soft joint where the tile abuts to plumbing fixtures, cabinets; counter tops, window or door moldings, and bath tubs/shower pans in accordance with the TCNA handbook.

TCNA handbook, page 8, 9, 68, 69, and EJ171-05

- 7) Use a modified thin-set mortar that meets or exceeds ANSI 118.4 Follow the manufacturer's instructions. Use white thin-set with light colored grouts and gray thin-set with dark colored grouts.
- 8) Use the correct size notch trowel depending on the size of the product and your desired results. In most cases a 5/32" x 5/32" or 3/16" x 3/16" v-notch trowel will be used. Make sure you achieve full contact between the back of the tile and the thin-set.
- 9) When cutting with a tile saw, paint a line of Super Glue where the cut is to be made. This will help to hold the glass together when cutting. Then repaint the finished cut with "Super Glue" to seal the cut edge before installing.
- 10) Allow the thin-set to cure according to the manufacturer's instructions.
- 11) Pre-seal the tiles with a penetrating sealer to prevent the grout from staining the glass.
- 12) Sanded or non-sanded grout may be used. When using sanded grout, be careful to not scratch the glass. Before installing, perform a test on a loose piece to see if the grout will scratch the glass.
- 13) Read and follow all manufacturers' instructions on the grout.
- 14) Buff and cure the grout according to the grout manufacturer's instructions. Once the grout is cured, seal the glass and grout. This glass requires periodic sealing.

The installer is responsible for choosing and using the correct installation practices to achieve an acceptable finished product. Please refer to the TCNA hand book regularly, it is revised each year and techniques can change. Our goal is to have trouble-free installations that can be enjoyed for a lifetime. Use constitutes acceptance, there will be no credits, refunds, cash settlements, and etc. made after the product is installed regardless of the circumstances. The TCNA website is www.tileusa.com.

Care & Maintenance

Regular cleaning with a mild bathroom cleaner or neutral tile cleaner and a soft cloth or sponge according to the manufacturer of the cleaner is recommended. Buff dry with a soft cloth. Do not use acids, corrosive, or abrasive cleaners.