

# technical information

## MONTAGE

<p>CHARACTERISTICS</p>	<p>Montage is a handcrafted glass. Due to the wide color range and translucent quality, an experienced craftsperson should carefully inspect, blend and install these tiles. <b><u>THE COLOR OF THE THIN-SET WILL GREATLY AFFECT THE INSTALLED GLASS TILE APPEARANCE. PLEASE NOTE THAT CHROMA GLASS REQUIRES SPECIFIC INSTALLATION MATERIALS.</u></b> See <a href="http://sonomatilemakers.com">sonomatilemakers.com</a> for further information on application and installation guidelines for Montage.</p>
<p>INSPECTION</p>	<p>Always inspect your tiles before they are installed, as installation of material constitutes acceptance. We strongly recommend the selection of an experienced tile contractor to blend and set Montage glass. Any questions as to acceptability must be resolved before installation. Sonoma Tilemakers is in no way responsible for the installation of our tiles or thereafter. The responsibility for correct installation rests with the end user.</p>
<p>INSTALLATION &amp; MAINTENANCE</p>	<p><b>AMALUNA, CINNABAR &amp; SKYLINE INSTALLATION</b></p> <p><b>Substrates</b> See “Montage Information &amp; Installation” at <a href="http://sonomatilemakers.com">sonomatilemakers.com</a> for detailed information on substrates.</p> <p><b>Setting Adhesives &amp; Grout</b> Choosing the best mortar for the job is important to assure a long-lasting installation. The following (<b>white</b>) Thin-Set Mortars are recommended. <u>We have not tested all the products in the market, but the following white thin-set mortars or their equivalent are recommended for Amaluna, Cinnabar &amp; Skyline.</u> (Always consult the manufacturer’s product data sheets for specific installation instructions):</p> <ul style="list-style-type: none"> <li>• <b>CUSTOM BUILDING PRODUCTS</b> “Megalite” Crack Prevention Thin-set</li> <li>• <b>CUSTOM BUILDING PRODUCTS</b> “Megalite” Rapid set Crack Prevention Thin-set</li> <li>• <b>LATICRETE</b> “254 Platinum” Multipurpose Thin-Set Mortar</li> <li>• <b>MAPEI</b> “Adesilex P10 mixed with Keraply liquid admixture</li> <li>• <b>MAPEI</b> “GraniRapid” This-set Mortar mixed with “GraniRapid” admixture</li> <li>• <b>MAPEI</b> “Kerabond” Thin-set Mortar mixed with Keralastic add-mix</li> <li>• <b>TEC (H.B. FULLER)</b> “SuperFlex” Premium Universal LatexModified Thin-Set</li> </ul> <p>We recommend the use of a bright white thin-set, which allow the true color of the glass to come through. The most satisfactory results have been achieved in straight-combing the thin-set to the wall, placing the tiles and then “seating” them, by pushing the tiles perpendicular to the combed thin-set, forward then back, rolling the combed thin-set into itself and coating the back of each tile, thus eliminating trowel lines. When first set in place, every effort should be made to smooth the thin-set both vertically and horizontally to minimize trowel lines. If full, smooth coverage is not achieved, trowel marks and imperfections in the setting bed may be visible through the glass tile in the completed installation.</p> <p style="text-align: right;"><i>Continued on next page</i></p>

# technical information con't

## MONTAGE

INSTALLATION &  
MAINTENANCE  
*Continued...*

### CHROMA INSTALLATION

#### Setting Adhesives & Grout

Chroma tiles are metallic backed and require specific installation materials. Do not use any cement based products to set or grout Chroma Glass tiles. The following products or their equivalent are recommended. We have not tested all the products in the market, but the following white thin-set mortars or their equivalent are recommended. (Always consult the manufacturer's product data sheet for specific installation instructions).

- **LITOELASTIC** "Epoxy Adhesive"
- **CUSTOM BUILDING PRODUCTS** "Epoxy Bonding Mortar"
- **LITOKOL STARLIKE AND STARLIKE** "Crystal Grouts"
- **CUSTOM BUILDING PRODUCTS** "CEG-Lite Epoxy Grouts"

#### Installation Instructions

- Apply a thin, even coat of specified epoxy adhesive using a rubber grout float to spread the epoxy on the metallic backed glass. The back must be covered 100%.
- If using Litoelastic epoxy, a small amount of Acetone will remove residual epoxy during the installation process. Make sure to avoid fire potential by not using Acetone or other flammable materials near sparks, open flames or smoking. Make sure adequate ventilation is used while using all cleaning chemicals.
- Litokol Starlike & Starlike Crystal Grouts and Custom Building Products Epoxy Bonding Mortar and Customs Epoxy Grouts may be used to set and grout Chroma glass tile, even at the same time. These products can also be washed with water unless allowed to dry on glass tile or tools.
- If not setting and grouting at the same time allow epoxy to dry a minimum of 24 hours prior to grouting.
- Mix grouts to manufacturer's instructions. Do not use cementitious products to set or grout Chroma Glass Tile. Apply grout with a rubber float, forcing grout into the grout joints until full.
- Due to the impervious nature of glass and/or colder climates, the epoxy may take longer to set up than more porous tile.
- Change rinse water frequently to aid in clean-up and minimize epoxy residue left behind. Adding a few drops of Dawn dishwashing liquid to the water can aid in clean-up.
- Grout joints shall be full and uniformly finished. For final polishing of excess grout haze use an epoxy manufacturer's approved epoxy, final cleaner.
- Every 8ft, changes of plane, intersections of dissimilar material must have field movement joints of caulking made by the same epoxy manufacturer as grout.

### CUTTING & DRILLING

For cutting this glass tile, use a high quality wet tile saw with a 10", continuous, smooth-rim, diamond blade such as a 10" Alpha Vetro (Alpha Professional Tools) or the 10" MK 215 GL (MK Diamond). NOTE: The use of a poorly maintained tile saw, or a blade that is not intended for cutting glass, may cause the tile's backing to chip during cutting. Always cut slowly.

Drilling shall be done with a high quality smooth rim, diamond matrix, fractional core bit made for drilling glass. This is done in conjunction with a water swivel to provide a continuous flow of water to lubricate and cool the bit to reduce over-heating and chipping. Using a drill guide will help keep the drill centered.

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	<p><i>It is imperative to follow manufacturer's instructions for the products and we make no representations as to the fitness for purpose of third party Mortars and Grouts. Sonoma Tilemakers provides product information concerning certain installation and maintenance procedures to assist customers in making selection, usage, installation and maintenance decisions. Customer's selection and usage of Sonoma Tilemakers products and the installation practices employed by each customer are outside the direction and control of Sonoma Tilemakers and are strictly and completely the choice and responsibility of each customer. Sonoma Tilemakers does not warrantee any product for any specific use nor any installation procedure and expressly disclaims all claims asserted after customer installation or usage of Sonoma Tilemakers products begin.</i></p>																															









## MONTAGE INSTALLATION GUIDE CON'T



+

48 hours



**STEP 7** For Amaluna, Cinnabar and Skyline  
TQBDFHMBTTUMFBNDJMPGW

**CHROMA ONLY:** If setting and grouting at the  
TBNFUJFQVHSPWQUPKPDUUPBDIFWFB  
WTQBDFCFUKOUJMF

**STEP 8** MMPMPESBNJOJNVNPGIPVST  
prior to cleaning and grouting

**STEP 9** Use only non-sanded grouts, mixed to  
manufacturer's instructions. Apply grout into the  
KPDUUUMGMM

**CHROMA ONLY:** Do not use cement based  
products to set or grout Chroma tiles. Mix epoxy  
grouts to manufacturer's instructions.



**STEP 10** Due to the impervious nature of  
glass, the grout will take longer to set than with  
more porous materials. When the grout has setup  
(turned dull), clean with a micro fiber towel or in  
dry warm climates use a lightly damp sponge.

During initial grout cleaning, the sponge should  
be rinsed often and wrung out well. Excess water  
NBZFTMUDEJDPMPSEFSPMPWSPVKPDU



**STEP 11** \$PVUKPJOUTTIBMMCFGVMMBOEVOJGPSNMZ  
nished. For final polishing of excess grout haze  
use clean, dry cheesecloth.

**CHROMA ONLY:** Use the manufacturer's  
approved epoxy cleaner for final stage.

## CUTTING & DRILLING



### CUTTING

Cut glass tile using a wet tile cutting saw with a 10" tile saw blade  
recommended by the tile blade manufacturer for cutting glass. Wet glass  
tile blades usually have a higher amount of smaller diamonds, requiring  
the operator to cut slowly. For large module glass tile, cut very slowly  
making sure your saw has abundant water flow. Clean glass bits and dust  
off saw table between each cut.



### DRILLING

It is best to drill holes prior to installing the glass tile. Drilling shall be done  
with a high quality, smooth rim, diamond matrix, water-fed fractional core  
bit, made specifically for drilling glass. Water swivels provide a continuous  
flow of water to lubricate the bit and reduce overheating, fracturing and  
chipping. Using a drill guide will help keep the drill centered.

**NO ADJUSTMENTS WILL BE MADE AFTER INSTALLATION**