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GLASS MOSAIC

INSTALLATION • CARE • MAINTENANCE

INSTALLATION OF PAPER-FACE MOUNTED GLASS MOSAICS

Make sure that the substrate is clean, structurally sound, and free of any dirt, oil, grease, paint, sealers, form release agents, or curing compounds. Clean the surface with a damp sponge just before installation of the tile.

Check with the glass tile manufacturer to determine the type of adhesive recommended for installation of their product. Use LATICRETE® Glass Tile Adhesive, as the setting mortar and Spectralock1 for the grout.

Key the mortar into the substrate using the flat side of a trowel to initiate a bond coat.

Using the appropriate sized small square notch trowel, add more adhesive and notch the mortar in a horizontal, straight pattern.

Place the glass mosaic sheets onto the fresh mortar and bring all surfaces to a true plane at the proper position.

Use a flat wood block or rubber grout float to beat the face of the tiles and firmly embed the tiles into the mortar.

For paper face mounted glass mosaic tiles, the paper should be removed as soon as the tiles have set firm but the adhesive mortar is still pliable enough to make adjustments and repair pinholes or voids in the joint(s).
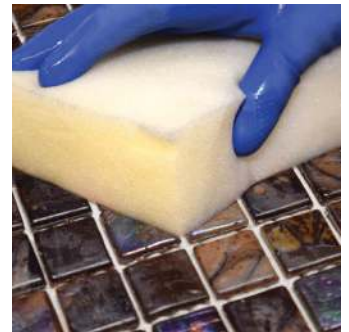

Use a sponge dampened with clean water to moisten the paper sheets covering the mosaics. Two or more applications of water may be needed to safely remove the paper facing from the tile.

When the paper is properly saturated, peel the paper from the face of the tile being careful not to pull tile away from the mortar.
Two or more applications of water may be needed to safely remove the paper facing from the tile.

Inspect the grout joints for pinholes and voids and fix as necessary. To eliminate the sheet pattern, pay particular attention to the transitions between sheets.

Within one hour of initial set, clean any residual glue and paper from the surface using a light, damp sponge and buff with a dry cloth.
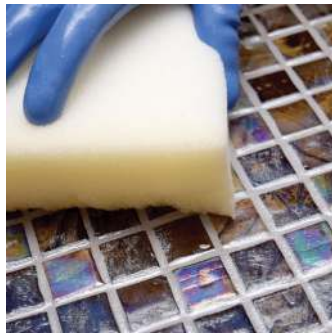
Note: *DO NOT APPLY EXCESSIVE MORTAR ON THE SURFACE TO BE COVERED WITH MOSAICS. Too much mortar will squeeze up through the joints and produce an uneven finished surface. Excessive thickness of mortar can also slow the hardening of the mortar which means that the mortar will remain soft for an extended period and delay the removal of the paper mounting. For back-mounted and clear film face-mounted glass mosaic tile, allow the setting material to harden for 24 hours minimum (vertical installation) and 48 hours minimum (horizontal installation) prior to cleaning tile face and then grouting. Use warm water and a white scrub pad (or stiff nylon brush) to remove any residual setting material, glue or paper from the tile's face prior to grouting. Allow the installation to air dry before grouting.*

Grout using LATICRETE Spectralock1. Grout as specified. It is recommended that a test area be performed to determine suitability of grout with glass tile. Sand may scratch the surface of the tile.

Apply grout with a rubber grout float, forcing grout into joints until full.

Allow grout to set-up (firm) and smooth finish with a damp sponge. After approximately 2 hours remove grout haze with a lightly damp sponge.

For final removal of grout haze, polish with a clean, soft cloth.

Expansion Joints:
The expansion joints need to be brought through to the tile surface and treated with a flexible sealant. Use LATICRETE Latasil™ to treat the joints. Expansion joint requirements will vary due to application types and locations. An architect and engineer should be consulted when specifying expansion joint placement, construction and materials.

Cleaning and Maintenance:
Check with the glass tile manufacturer for their recommendations on routine cleaning and maintenance requirements.

Note: Some glass tile manufacturers will allow the use of an epoxy grout. If instances where epoxy grouts are acceptable use LATICRETE SpectraLOCK PRO Premium Grout or LATICRETE SpectraLOCK PRO Grout.

Note: Exterior installations in hot and dry conditions can cause a rapid drying of the setting mortar. To obtain longer working time it may be necessary to dampen the substrate with a damp sponge immediately before the mortar is applied. Cold weather installations can slow the curing of the setting mortar. A longer waiting time may be required for the mortar to cure before the face-mounting (if present) can be removed or the installation can be grouted.

For further information please write to: techsupport@m-v-m.mx

INSTALLATION OF MESH MOUNTED GLASS MOSAIC

Thin Bed Method: Install LATICRETE® 254 Platinum in compliance with current revisions of ANSI A108.02, A108.1B and ANSI A108.5. Use the appropriate trowel notch size to ensure proper bedding of the tile selected.

Installation of Glass Mosaic Tile:

Firmly apply the latex Portland cement thin-set mortar (LATICRETE® 254 Platinum, or LATICRETE® MULTIMAX™ LITE, or LATICRETE® Glass Tile Adhesive) to the substrate using the flat side of a trowel to initiate a bond coat. Using the appropriate sized small square notch trowel, add more thin-set mortar and notch the mortar in a horizontal, straight pattern. Using the flat side of the trowel, press mortar into good contact with substrate, then apply additional adhesive mortar with the notched side of the trowel. Place the tile onto the fresh mortar and press firmly. Use a flat wood block, rubber grout float or a rubber mallet to beat the face of the tiles and firmly embed the tiles into the mortar. Full coverage of thin-set mortar to tile backs should be achieved after the beat in. Allow the tile installation to cure for 24 hours minimum at 70°F (21°C) prior to grouting. Use warm water and a white scrub pad (or stiff nylon brush) to remove any residual setting material from the tile's face prior to grouting. Allow the installation to air dry before grouting.

Note: *DO NOT APPLY EXCESSIVE MORTAR ON THE SURFACE TO BE COVERED WITH MOSAICS. Too much mortar will squeeze up through the joints and produce an uneven finished surface. Excessive thickness of mortar can also slow the hardening of the mortar which means that the mortar will remain soft for an extended period and delay the removal of the paper mounting. For back-mounted and clear film face-mounted glass mosaic tile, allow the setting material to harden for 24 hours minimum (vertical installation) and 48 hours minimum (horizontal installation) prior to cleaning tile face and then grouting. Use warm water and a white scrub pad (or stiff nylon brush) to remove any residual setting material, glue or paper from the tile's face prior to grouting. Allow the installation to air dry before grouting.*

Mosaicos Venecianos® glass mosaics is composed of silica sand and mineral colorants. Once installed it is grouted with epoxy base adhesives (0% absortion).
It is important to consider the following elements to have longer lasting mosaics:

- Enviromental conditions
- Humidity factors
- Water PH

Mosaicos Venecianos® recommends for the maintenance of our products the StoneTech® System, to clean and protect our products Stone Tech ® Revitalizer Cleaner & Protector with PH neutral must be used.

The cleaning system helps to prevent in exterior and interior applications and avoids the following problems:
- Hard Water deposits
- Salt deposits
- Efflorescence
- Losse debris
- Soap scum
- Grease, and others

Read application instructions.

* A Control Maintenance Schedule chart is recommended
* Frequency of application of the product will depend on ware, traffic and efficency of the maintenace program.

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StoneTech® Revitalizer® Cleaner and Protector

Features and Benefits

- Cleans common messes while reinforcing protection
- Built-in sealer makes surfaces easier to clean
- Gentle formula

Recommended Surfaces
Glass Mosaics, natural stone such as granite, slate and sandstone.

Directions
Read entire label before using. Use only as directed. Be sure all surfaces to be cleaned are swept or vacuumed to remove loose debris. Apply the PH cleaner over dry mosaics which will eliminate and neutralize salt deposits with a soft brush once a week.

Dilute concentrated cleaner with warm water according to the following mixing chart:

USE	REVITILIZER®	WARM WATER
Spray Fill	1 Part	1 Part
Light Duty	1 Part	1 Part

One gallon of concentrate makes up to 5 gallons of solution.

- Apply diluted solution with a mop, towel, sponge or sprayer.
- Rub surface lightly and remove any excess cleaner. No need to rinse.
- Repeat if necessary for heavily soiled areas.

Let area dry completely before using.

*A Control Maintenance Schedule chart is recommended
*Frequency of application of the product will depend on ware, traffic and efficency of the maintenace program.

KlenzAll™ Heavy Duty Stone & Tile Cleaner

Features and Benefits

- Powers through stubborn grease and soils
- Safe on stone, will not etch
- Professional strength, alkaline formula

Where to Use
Glass mosaics, Natural stone such as marble, granite, limestone, travertine, slate & sandstone, Ceramic and porcelain tile and grout masonry and concrete.

Directions
Read entire label before using. Use only as directed. Test in small inconspicuous area to determine required dilution and results. Be sure all surfaces to be cleaned are swept or vacuumed to remove loose debris. Avoid skin and eye contact with product. Wear protective eyewear, gloves, long sleeves, and long pants while handling concentrate. Ensure work area is well-ventilated during application and until surface is dry.

Dilute concentrated cleaner with warm water according to the following mixing chart:

USE	KlenzAll™ Cleaner	Warm Water	pH
Heavy duty	1 part	2 parts	11.3
Spray refill	1 part	4 parts	11.0
Light duty	1 part	8 parts	10.7
Acidic neutralizer	1 part	32 parts	10.5

- Apply mixed solution with a mop, sponge or sprayer. Avoid applying cleaner on unintended surfaces.
- Lightly rub with a scrub brush or floor machine as needed.
- Remove solution using a sponge, wet/dry vacuum or damp mop.
- Rinse area well with clean water.

Let area dry completely before using.

* A Control Maintenance Schedule chart is recommended
* Frequency of application of the product will depend on ware, traffic and efficency of the maintenace program.

StoneTech® Restore™ Acidic Cleaner

Features and Benefits

- Renews tile and grout
- Cleans away hard water deposits, grout haze, efflorescence and soap scum
- Professional strength, acidic formula

Where to Use
Glass mosaics, ceramic tile, porcelain tile and grout, granite, slate and sandstone.

Directions
Read entire label before using. Use only as directed. Test in small inconspicuous area to determine required dilution and results. Be sure all surfaces to be cleaned are swept or vacuumed to remove loose debris. Heavy duty dilution may darken some surfaces. This acid-based cleaner will etch or damage most marble, limestone and travertine surfaces. Will etch or corrode most metal surfaces. Avoid skin and eye contact. Wear protective eyewear, gloves, long sleeves, and long pants while handling product. Ensure work area is well-ventilated during application and until surface is dry. Keep children and pets out of the area during application and drying.

Dilute concentrated cleaner with warm water according to the following mixing chart:

USE	Restore™ Acidic Cleaner	Warm Water	pH
Heavy duty	1 part	1 part	**<1**
Light duty	1 part	16 parts	2.8

- Apply mixed solution with a clean mop, towel or sponge. Avoid applying cleaner on unintended surfaces.
- Lightly rub with a scrub brush or floor machine as needed.
- Remove solution using a sponge, wet/dry vacuum or damp mop.
- Rinse area well with clean water and wipe dry. Thoroughly rinse all metal surfaces with clean water.

Let area dry completely before using.

* A Control Maintenance Schedule chart is recommended
* Frequency of application of the product will depend on ware, traffic and efficency of the maintenace program.