



DÉTAILS TECHNIQUES

TECHNICAL DETAILS



maçonnerie alternative
alternative masonry

INSTALLATION SUGGESTIONS

INTERIOR COLLECTION

THESE ARE COMMON INSTALLATION PROCEDURES. DEPENDING ON YOUR PROJECT CRITERIA, WE SUGGEST YOU CONTACT A MASON.

PLEASE READ ENTIRE INSTALLATION GUIDE BEFORE BEGINNING YOUR PROJECT

TOOLS NEEDED :

- Tape measure
- Staple gun (if using metal lath)
- Bucket / wheelbarrow
- Safety goggles
- Joint finishing tool
- Dust mask
- Diamond blade saw
- Mortar mix / Polymer mortar mix / Ceramic glue
- Grout bag
- Level
- Whisk broom
- Drill with cement mixer
- Gloves
- Trowel

** Most items are available at your local hardware store or your Rinox Alternative Masonry product dealer.*

TO CALCULATE THE AMOUNT OF RINOX ALTERNATIVE MASONRY PRODUCTS NEEDED FOR YOUR PROJECT, SIMPLY USE THE FOLLOWING FORMULAS : $A - B - C = D$

- A** • Height x Length = Total wall area
- B** • Window Length x Window Height = Total window area
- C** • Height of corner wall = Linear feet of corner pieces required
- D** • Amount of square footage required for your project

*** Rinox recommends adding an extra 3-5% of materials in order to compensate for cutting of the stone or brick.**

The following list demonstrates the recommended way to prepare a surface prior to the installation of Rinox interior Alternative Masonry products :

PLYWOOD / PANELING / INSULATION BOARD (I.E STYROFOAM BOARDS) / METAL COVERED WALLING : Apply 1/2 inch. scratch coat of the same polymer / mastic that is going to be used to adhere the Rinox Alternative Masonry product to the wall and allow proper drying time according to the manufacturer before installing any Rinox Alternative Masonry product on the surface. Apply Rinox Alternative Masonry product directly to the surface once the scratch coat is fully cured.

DIRTY OR PAINTED : MASONRY / STUCCO / CONCRETE : Ensure removal of all paint or dirt on any concrete surface before installing any Rinox Alternative Masonry product. This can be done through sandblasting or pressure washing the surface depending on how deeply the dirt or paint has penetrated. Once clean and free from any surface cracks apply Rinox Alternative Masonry product directly to the surface using polymer modified cement for veneer stone.

CLEAN : MASONRY / STUCCO / CONCRETE : Inspect the surface to make sure there are no cracks or stains on the surface. Be sure that the surface is fully cured and flat before installing any Rinox Alternative Masonry products. Apply

GYPSUM/ CONCRETE BOARDS : Apply 1/4 inch scratch coat of polymer glue or mastic to the gypsum before installing Alternative Masonry on the surface. ensure to follow the installation procedures for the gypsum as per the glue / polymer manufacturer.

PREPARING YOU RINOX ALTERNATIVE MASONRY PRODUCTS : At Rinox we work hard to ensure that our products have consistent coloring and sizing in all our boxes / skids. We do, however, still recommended opening all boxes of your Rinox Alternative Masonry product and spreading the product on a table or on the ground near your work area to be able to properly blend all the sizes and colors.

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MORTAR MIX : Ensure to properly follow the manufacturer's instructions on mixing the mortar / polymer mortar, according to CSA A179 norms. Failure to do so can lead to improper bonding, weakness or longer curing periods.

STARTING GROUND : Ensure that the ground that you are working from is the level and free of debris or dust. If the ground is not level, correct the level by installing a support lintel. Once your installation is completed, you may fill the bottom of the wall with mortar to hide the support lintel.

CORNER PIECES : Corner pieces should be installed first. Corner pieces are designed to avoid a linear joint at the corner of any wall. They should always be different directions at every row of your wall.

JOINT MORTAR PRODUCT INSTALLATION

INSTALLING THE STONES : To ease the installation, Rinox suggests that you work from the bottom of the wall upwards. Apply 1/4 to 1/2 inch of polymer mortar mix / polymer glue or mastic on the entire rear surface of the stone that is ready to install.

CUTTING : It is important to always wear safety goggles, gloves, and dust mask when cutting any Rinox Alternative Masonry product. These products can be cut with most diamond blade saws. Please note that there may be some broken / chipped pieces in the box / skid in which receive your Rinox Alternative Masonry product. These pieces can be used to make any necessary cuts. It is important, when installing cut pieces to try to keep the cut edges as far out of sight as possible.

MORTAR JOINTS : The size of the mortar joints can vary depending on one's personal tastes. We do however recommend not having more than a 3/8" to 1/2" joint between two stones. It is important to keep the joint width consistent throughout the entire wall as it creates the most appealing look. Cutting wood trims to your desired joint width and placing them between stones can help maintain joint width consistency. Once the stone is set throughout the surface that needs to be covered you can begin filling the mortar in the joints. To do this, use of the grout bag is necessary. Be careful not to get any mortar on the stone when filling in the joints. If mortar does get on the stone, wait until it becomes slightly dry before removing it with the whisk broom, as removing it right away will stain the stone. Once the mortar mix has almost hardened, begin finishing the joints with the joint tool.

Avoid all traffic (vibration and movement) to and around the installed surface for a minimum of 24 hours during the following installation.

JOINT MORTAR PRODUCT INSTALLATION

Follow the same procedures as above. However, please note that with any mortar less application, the stones must be as close together as possible, creating a joint less look. There may be some excess cement on the extremities of the stones when received. In order to get the closest possible joints, it may be necessary to grind the excess cement off of the edges with a diamond blade grinder.

INSTALLATION SUGGESTIONS

EXTERIOR COLLECTION

THESE ARE COMMON INSTALLATION PROCEDURES, DEPENDING ON YOUR PROJECT CRITERIA. WE SUGGEST YOU CONTACT A MASON.

PLEASE READ ENTIRE INSTALLATION GUIDE BEFORE BEGINNING YOUR PROJECT

TOOLS NEEDED :

- Tape measure
- Staple gun (if using metal lath)
- Bucket / wheelbarrow
- Safety goggles
- Joint finishing tool
- Dust mask
- Diamond blade saw / Ceramic glue
- Mortar mix / Polymer mortar mix
- Grout bag
- Level
- Whisk broom
- Drill with cement mixer
- Gloves
- Trowel

** Most items are available at your local hardware store or your Rinox Alternative Masonry product dealer.*

TO CALCULATE THE AMOUNT OF RINOX ALTERNATIVE MASONRY PRODUCTS NEEDED FOR YOUR PROJECT, SIMPLY USE THE FOLLOWING FORMULAS : **A-B-C=D**

- A** • Height x Length = Total wall area
- B** • Window Length x Window Height = Total window area
- C** • Height of corner wall = Linear feet of corner pieces required
- D** • Amount of square footage requires for your project

*** Rinox recommends adding an extra 3-5% of materials in order to compensate for cutting of the stone or brick.**

The following list demonstrates the recommended way to prepare a surface prior to the installation of Rinox exterior Alternative Masonry products :

FOR ALL EXTERIOR ALTERNATIVE MASONRY INSTALLATIONS, PLEASE CONSULT A MASON.

The following procedures are suggestions only. all exterior veneer stone applications must conform to CSA A371 and local building codes.

PREPARING YOU RINOX ALTERNATIVE MASONRY PRODUCTS : At Rinox we work hard to ensure that our products have consistent coloring and sizing in all our boxes / skids. We do, however, still recommended opening all boxes of your Rinox Alternative Masonry product and spreading the product on a table or on the ground near your work area to be able to properly blend all the sizes and colors.

MORTAR MIX : Ensure to properly follow the manufacturer's instructions on mixing the polymer cement / glue / mortar, according to CSA A371 norms. Failure to do so can lead to improper bonding, weakness or longer curing periods.

STARING GROUND : The installation of a support lintel attached to the house's structure is essential to ensure the longevity of your installation.

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CORNER PIECES : Corner pieces should be installed first. Corner pieces are designed to avoid a linear joint at the corner of any wall. They should always be different directions at every row of your wall.

JOINT MORTAR PRODUCT INSTALLATION

INSTALLING THE STONES : To ease the installation, Rinox suggests that you work from the bottom of the wall upwards. Apply 1/4 to 1/2 inch of polymer mortar mix / polymer glue or mastic on the entire rear surface of the stone that is ready to install.

Once that is done, apply even pressure on the stone to ensure a proper bond between the wall surface and the stone. During this procedure small amounts of polymer glue should squeeze out from the sides of the stone. This helps the bonding between the stone and the wall. If no polymer glue is being pushed through the sides of the stone when you are applying pressure, gradually add a thicker coat of mortar on the back of the stone before applying the Rinox Alternative Masonry product to the wall.

CUTTING : It is important to always wear safety goggles, gloves, and dust mask when cutting any Rinox Alternative Masonry product. These products can be cut with most diamond blade saws. Please note that there may be some broken / chipped pieces in the box / skid in which receive your Rinox Alternative Masonry product. These pieces can be used to make any necessary cuts. It is important, when installing cut pieces to try to keep the cut edges as far out of sight as possible.

MORTAR JOINTS : The size of the mortar joints can vary depending on one's personal tastes. We do however recommend not having more than 3/8 to 1/2 inch joint between two stones. It is important to keep the joint width and placing them between stones can help maintain joint width consistency. Cutting wood trims to your desired joint width and placing them between stones can help maintain joint width consistency. Once the stone is set throughout the surface that needs to be covered you can begin filling the mortar joints. To do this, use of the grout bag is necessary.

We recommend the use of TYPE O mortar for all Alternative Masonry joints, installed outdoors to maximize the water resistance of the installation. It is recommended to use this mortar however TYPE N mortar can be used when TYPE O mortar is not readily available.

Avoid all traffic (vibration and movement) to and around the installed surface for a minimum of 24 hours during the following installation.