KOROGARD EXPRESSIONS BEST PRACTICES

KOROSEAL WALL PROTECTION

STEP 1 - FIELD VERIFIED DIMENSIONS
Field verified dimensions are **REQUIRED**. Please submit field verified dimensions for all walls and windows.

- Please be sure to include ceiling heights.
- When providing field dimensions, please label the walls accordingly. Move clockwise around the room to walls.
- Please also provide elevation dimensions for accurate window placement.
- Before submitting, please verify the total dimensions of walls
- **When measuring doors and windows please include the frame as the product will only be adhered to the drywall.**

STEP 2 - DESIGN PROCESS
Our digital design team will make necessary adjustments to the client's artwork

STEP 3 - APPROVAL PROCESS
Customer will need to approve the art and dimensions.

STEP 4 - QUOTE
Once the digital design is approved, we will send you a quote.

STEP 5 - PAYMENT
We will not begin production without payment or a PO depending on the credit terms your company has with Koroseal. You must approve the Order Authorization (OA) regardless of your payment terms.

STEP 6 - PRODUCTION
The production process takes 7-10 business days.

STEP 7 - SHIPMENT
We will ship the location noted on your order and you will receive email notification of the shipment. Shipping takes 7-10 business days.

MATERIAL REQUIREMENTS

- Approved Primer - XT2000 Primer
- Approved Adhesive - XT2000 Mastic Adhesive
- Mason's Stone
- Chalk Line
- Laser Level/Level
- Trowel
- High Pressure Roller
- Heavy-duty Razor Knife and Replacement Blades
- Straight Edge
- Caulk Gun
- 1" Putty Knife
- Painters Tape
- Clean Cloths
- Water
- **NOTE: Primer, adhesive, trowel and roller can be purchased with your order**

PRODUCT STORAGE

- Material should be stored flat in a clean dry area.
- Store product in original packaging to make sure they are not damaged.
- Avoid storing them in direct sunlight.
- Maintain a temperature between 65 and 80 degrees Fahrenheit.

PREPARATION

1. Inspect materials for damages in shipping and report them to Koroseal immediately.
2. Allow the product and adhesive to acclimate to the installation environment for a minimum period of 48 hours prior to installation.
3. Maintain a temperature between 65 and 80 degrees Fahrenheit and humidity levels should not exceed 80%.
4. A constant temperature should be maintained before, during and for at least 72 hours after the installation.
5. Sheets should be always handled by two people. Careless handling can result in permanent damage such as kinks.
6. Joint Compound or plaster must be fully cured as per the manufacturer's specification.
7. Clean and prep wall.
    1. All surfaces should be smooth, free of dirt and grease. Glossy surfaces may require a bonding primer to promote adhesion.
    2. Surfaces must be free of any dirt or grease.
    3. Nail heads, nicks, gouges, and other surface imperfections should be taped, bedded, and sanded smooth.
    4. New drywall joints should be taped, bedded, sanded smooth, and primed.
    5. All loose or peeling paint needs to be removed and sanded smooth.
    6. All dust must be removed before the primer is applied for a proper bond.
8. **Prime the walls using only XT200+™ Primer.**
9. Allow primer to cure for at least 24 hours.

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INSTALLATION

- Please review all panels before installation. If there are any questions, please contact Koroseal immediately.
- A panel map is provided in your shipment.
- **THE PANELS ARE CNC PRE-CUT.** Minimal Adjustments may be required to retrofit.
- 6" of extra bleed has been printed around the windows and doors.
- Sheets can be installed with a 1/16" gap and filled with caulk, or butt seams with no gap. Product has been tested for an extended period of time using both methods.
- Be certain that all substrates are prepared as previously described in the preparation section, before applying **Mastic XT2000 Adhesive.**
- Follow Product Acclimation and Temperature Requirements as listed previously and maintain a temperature between 65°F (18°C) and 80°F (27°C) and a humidity level less than 80%.
- Newly sealed walls should be completely dry in accordance with applicable manufacturer's recommendations prior to application of mastic adhesive. Follow adhesive manufacturer's recommended safety precautions, such as providing adequate ventilation. Apply mastic adhesive to wall surface only. It is not necessary to apply mastic adhesive to back side of sheet.
- **USE ONLY RECOMMENDED TROWEL, ACCORDING TO WALL SURFACE.**
- When using mastic adhesive on rough walls or when material is .030 or thicker, use only 1/8" x 1/8" (3.2mm x 3.2mm) V-NOTCHED trowel.
- Be sure to cover 100% of wall surface area, maintaining uniform coverage. Insufficient adhesiveness is the cause of most installation problems.
- Allow adhesive to "flash off" some moisture. When first applied the mastic is solid white, as it dries it starts to become clearer.
- Due to varying conditions, it is up to the installer to determine when the adhesive has flashed off enough moisture.
- The adhesive is properly flashed off when it has started to turn clear but will still transfer to your finger when lightly touched. It is too dry when it has become all clear and there is no adhesive transfer. Excess adhesive can be removed with a damp towel immediately following application. At this time, you may also want to clean your trowel. When cure time has expired, it is extremely difficult to remove adhesive from unwanted areas on your walls or in the grooves within the trowel. Dried adhesive in the trowel will affect future use.
- Maintaining a constant temperature during cure time is critical.
- Once adhesive has been applied, begin to hang the first sheet using level and plumb lines that have been previously laid out. Starting from one side start smoothing the sheet carefully, patiently, and methodically removing as much trapped air as possible. When using mastic, you can reposition sheets to help remove trapped air.
- Once the sheet is in place, begin rolling the entire surface with the high-pressure roller (i.e., Crain #333 or equivalent) starting from the center working out to the edges. Make sure ALL air is worked out from behind the sheet, several passes may need to be made.
- Any adhesive residue should be removed immediately. DO NOT allow any adhesive to dry on the surface or on tools.

RETROFITTING AND SIZING

- The product can be cut with a utility knife and straight edge. A few passes along the straight edge may need to be made to cut clean through.
- Cuts can be made with most common types of saws. Use a circular saw for straight cuts and a jig saw for curved cuts.
- Edges may need to be lightly sanded to clean off any burs.
- Standard blades are preferred over carbide tipped ones.
- Holes may be drilled into the sheets using a standard high-speed drill.

MOLDINGS

- J-Caps are to be used **ONLY** on exposed edges around window openings.
- Corner guards are only to be used on exposed outside corners when necessary.
- Moldings should be cut using a sharp utility knife, shears, or common power saws with standard blades designed for cutting plywood, or carbide tipped blades.

CLEANING INSTRUCTIONS

Normal cleaning should be done with mild ingredients such as soap, detergents, citrus-based cleaners, and water. The method of cleaning should be as follows:

1. Rub the area briskly with a cloth or sponge that contains a detergent solution
2. Rinse thoroughly
3. Gently towel the area dry

(Currently in testing phases for additional cleaning solutions)