

## **Important Information – Read Before Installing**

Like other building products, the successful use of **ECORE™** Advanced Wall Technology requires that it be selected, installed, used and maintained in compliance with all of these instructions. You must read and understand all of these instructions prior to installing **ECORE**. If you have any questions seek advice from an experienced building professional before proceeding.

*It is important to keep in mind that no wall surfacing material, including **ECORE**, is a solution for building with moisture problems. If sufficient moisture is permitted to accumulate in the wall or wall cavity, mold and other moisture related damage will occur regardless of the type of wall surfacing material that is used. The only way to prevent mold or other moisture related damage is to take corrective action to eliminate the source of moisture accumulation. If a wall already had low or no permeability (due to prior painting or other causes), installing **ECORE** will not provide any permeability benefit to the wall system.*

Note that mold inhibitors contained in adhesives and primers used for wallcovering will not prevent mold growth if moisture is allowed to accumulate in a wall or wall cavity.

**Wallcovering Selection and Installation.** It is important to keep in mind that wall surfacing materials are only one component of a wall system (which includes exterior wall surface, sheathing, exterior wall cavity vapor barriers, insulation, framing, HVAC and among other materials). Prior to using any wall surfacing materials an experienced building professional (who is familiar with the design and condition of the specific building, and local conditions) must be consulted to determine which wall surfacing materials are appropriate for that building.

All wallcoverings must be installed by an experienced commercial wallcovering installation professional who understands wallcovering use and installation requirements, including the requirement to test for and eliminate sources of moisture prior to the installation of wallcovering.

Building maintenance must include actions necessary to prevent the development of moisture sources as well as routine inspections for and prompt corrective action if moisture is found in a wall or wall cavity.

Prior to installation, check the Colour & Design website for additional and updated information on wallcovering permeability, moisture and mold and on wallcovering selection, installation, use and maintenance: [www.colouranddesign.com](http://www.colouranddesign.com).

*The permeability of **ECORE** means that it may not be suitable in certain applications, such as some bathrooms and kitchens, where excessive spills, splashes or high humidity could damage the underlying walls. In such cases Colour & Design's standard vinyl product may be more appropriate.*

**Double Hanging.** Wallcovering must not be hung over other wallcovering. If a fire were to occur, wallcovering hung over other wallcovering will result in increased smoke generation, flammability, and toxicity. Any such hanging is in violation of *Colour and Design's* wallcovering use instructions.

**Installation Checklist.** Read and follow all of these instructions:

- Check to ensure you received the correct pattern, color and amount of wallcovering.
- Determine whether the building (including building walls) and wallcovering materials are in suitable condition for installation to proceed.

- Determine whether the wallcovering should be installed as reversed or non-reversed and/or random, straight across, or drop match.
- Prepare wall surface and install as directed below.
- **Note:** If at any time during the installation a discrepancy is discovered, STOP installation and contact your distributor or dealer to resolve before proceeding.

**Building and Material Conditions.** The building must be weather-tight with HVAC settings (including pressure, temperature and relative humidity) the same as those of an occupied building for three days prior to, and throughout installation and for three days after installation. The walls must be structurally sound including elimination of sources of moisture accumulation into the wall or wall cavity. The wallcovering must be in a clean and dry condition and must be stored at normal occupied building temperature and humidity for at least three (3) days prior to installation. All materials used in connection with installation, including all adhesives and primers must be new good quality commercial grade materials which have not been contaminated. A test installation of at least three strips applied three days in advance of the main installation is recommended.

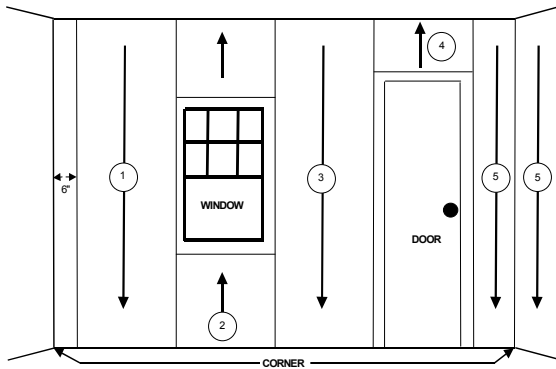
**Surface Preparation.** Proper surface preparation is essential for a quality wallcovering installation. Follow these instructions for hanging wallcovering on gypsum board. Hanging on any other surface will require different instructions.

1. The walls must be smooth, clean, dry, and free of mold, mildew, grease, or other stains. If you are installing over existing paint or primer, make sure that it has good adhesion to the wall. Any mold or mildew on a wall may be an indication of a moisture problem. The mold itself must be removed from the wall and any moisture accumulation sources must be corrected before proceeding with installation. Significant mold growth should be remedied by an experienced mold remediation professional under EPA guidelines for mold remediation. Any wall irregularities should be corrected with either spackling or drywall compound. Wall stains and marks such as ballpoint ink, grease, lipstick, crayon, marking pens, or inks must be removed from the wall. Stains and marks that are not removed from a wall may bleed through the wallcovering.
2. Remove old wallcovering completely including both top and bottom layers. After wallcovering is removed, remove remaining adhesive with adhesive remover. Then rinse the wall and allow it to dry.
3. All **ECORE** wallcoverings require a **level 4** wall surface which includes that all joints and interior angles shall have tape embedded in joint compound and three separate coats of joint compound applied over all joints, angles, fastener heads and accessories. All joint compound shall be smooth and free of tool marks and ridges.
4. ALL **ECORE** WALLCOVERINGS REQUIRE A **TINTED PRIMER** CONTAINING A MOLD INHIBITOR.
5. **Note:** Wall primer and adhesive must be permeable to achieve a permeable wall system.

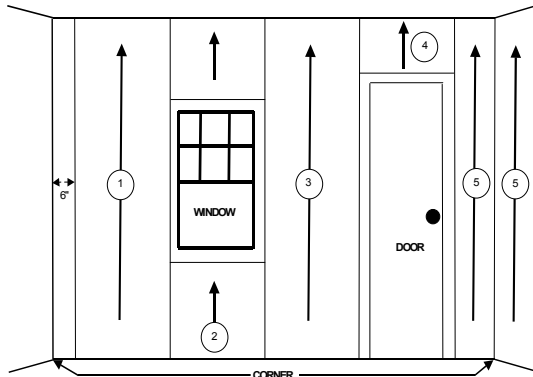
**Installation.**

1. Use heavy-duty, clear based adhesive. All adhesives must contain a mold inhibitor.
2. Before cutting, examine wallcovering to make certain pattern, color and quantity is satisfactory and as ordered. Claims will not be accepted for cut yardage.
3. Determine whether the wallcovering should be installed as reverse or on non-reverse and/or random, straight across, or drop match.

### Reverse Hanging



### Non-Reverse Hanging



The wallcovering tip card or your distributor can provide this information. Generally, textured and non-matched patterns are reverse hung. Occasionally, textured wallcovering "panels" when it is reversed. If paneling occurs, install three test strips as a non-reversed pattern and evaluate appearance. Check all roll tickets to determine if more than one run or lot of the same pattern is to be installed. If feasible use different lots in different rooms and if not feasible use inside corner to change lots.

4. Cut panels and install headers in roll number sequence. COMMERCIAL WALLCOVERING MUST BE INSTALLED IN REVERSE ROLL NUMBER SEQUENCE.
5. INSTALL ALL WALLCOVERING UNDER ADEQUATE LIGHTING. EVALUATE FOR COLOR UNIFORMITY UNDER PERMANENT LIGHTING CONDITIONS. WHEN THIS IS NOT POSSIBLE, DUPLICATE THE FINAL LIGHTING CONDITIONS AS NEARLY AS POSSIBLE. AFTER THREE STRIPS ARE INSTALLED, INSPECT THE WALLCOVERING. IF THE PATTERN EFFECT IS NOT ACCEPTABLE, OR IF THERE IS VARIATION IN COLOR, DISCONTINUE HANGING AND CONTACT THE DISTRIBUTOR IMMEDIATELY. OMNOVA will not be liable for materials or labor charges over three strips.
6. Measure the wall height, allowing for pattern match, add 4 inches, and then cut the wallcovering. It will overlap onto the ceiling and the baseboard approximately 2 inches. Apply non-diluted adhesive uniformly to the wall using a paint roller. Top and bottom edges of the wall surface may need to be "cut in" with a paint brush. The wall area to which the strip is to be applied plus an additional 4 inches on one side should be coated with adhesive. (The extra 4 inches allows a starting point to the next adhesive application onto the decorated surface.)

7. Many geometric and matched patterns require table trimming with a straight edge to ensure pattern uniformity across seams. Other patterns should be overlapped and double cut on the wall. Care should be exercised so that the wallboard underneath is not scored. A double cutting tool or seam pad is recommended to prevent scoring the wall. The selvage (excess trimmed edge) should be removed from the wall and the seam closed within 10 minutes.
8. Hang the first strip to a plumb line and allow it to overlap onto the ceiling and baseboard. Use a smoothing brush, broad knife, or plastic smoother to make sure all of the wallcovering has made good contact to the wall. Trim with scissors or razor knife at the ceiling and baseboard, around windows, etc.
9. Use a seam roller to flatten the edges at the seams, ceiling, and baseboard. Use light pressure. Do not press hard enough to remove the adhesive from underneath the wallcovering.
10. Prepare wall area adjacent to next strip.
11. Place the second strip to the edge of the first strip (or overlap and double cut) and smooth out firmly. Repeat step #8. Use a moistened sponge to remove any adhesive from the sheet. Change the wash water frequently. Blot these surfaces dry with a clean towel. Be certain to wash the ceiling and the baseboard to remove any paste residue. Seams should be vertical, have a tight fit, and be free from air and paste bubbles. Seams should not be located closer than 6" to corners.
12. After three panels are smoothed to the wall surface and excess paste is removed, examine the installed panels for color uniformity. Panels on non-matching patterns normally have a width on the wall of 51-53 inches. Geometric and other matching patterns vary in "on the wall" width. It may be necessary to trim one or both selvages further to obtain uniform color match across seams. Proceed in the same manner around the room. Any objectionable variations in color and/or pattern match must be immediately communicated to the dealer for inspection before proceeding further with the installation.

### Maintenance and Cleaning.

For best performance, stains should be blotted and removed as soon as possible to limit any reaction between the staining agent and wallcovering.

Ordinary dirt and smudges. A clean, damp sponge with warm water will remove many common smudges and dirt. If the damp sponge fails to clean dirt and smudges, follow instructions for other stains.

### Other stains.

Step 1: Spray the soiled area with a laundry spot remover such as Shout® and allow it to saturate the surface for 1 minute.  
 Step 2: Using a damp sponge, clean the soiled area using circular motions. If stains persist, carefully use a soft bristle brush.  
 Step 3: Using clean damp sponge, blot excess spot remover from the surface.

Test on an inconspicuous spot before attempting to clean an entire wall. DO NOT USE: steel wool, powdered cleaners, nail polish remover, tar and bug removers or solvent type cleaning preparations. Staining agents that will stain **ECORE** include (and are not limited to): lipstick, ball point pen, oil, some foodstuffs, crayons and markers.



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