

# Shield Wall Protection Application Instructions

## —STOP AND READ BEFORE INSTALLATION—

### IMPORTANT

If at any time before or during installation you do not understand these Application Instructions, or if a discrepancy is discovered in pattern, color, or quality, STOP. Contact your distributor before proceeding. Any deviation from these Application Instructions will void the manufacturer's warranty. Carefully examine all material to ensure correct pattern, color and quantity.

Vinyl Wallcoverings must be installed only under permanent lighting conditions. Temperature in the area to receive vinyl wallcovering must be maintained between 60°-80° F (15°-27° C) and relative humidity at 50% or less, for at least six days prior to and after installation.

#### Note on microvented wallcovering

Before installing **microvented** wallcovering you should consult an experienced design professional with expertise in building design and in the conditions in the locale where the wallcovering is to be installed for information regarding permeability requirements.

### SURFACE PREPARATION

- 1) All surfaces to receive vinyl wallcovering must be smooth, clean, dry and structurally sound. Newly plastered walls must not have excessive quantities of lime or alkali. Walls must not contain in excess of 5-7% residual moisture content. A moisture meter should be used to determine moisture content.
- 2) All new walls receiving non **microvented** wallcovering should be primed to promote adhesion.  
**NOTE:** Many primers are intended for use as a vapor barrier. Use of these primers on **microvented** wallcovering may significantly reduce the overall permeability of the installation. Use only a breathable primer for **microvented** wallcovering.  
Oil based primers create a non-porous surface, which along with vinyl wallcovering tend to trap moisture, prolong drying and result in adhesion problems.
- 3) Existing walls present varied conditions. To ensure the soundness of an existing wall surface, we recommend the following:
  - a. Glossy surfaces should be sanded and irregularities repaired.  
**NOTE:** Sanding using a medium to rough grit sandpaper is recommended on walls receiving **microvented** wallcovering to open pores in the existing finishes and enhance permeability.
  - b. Cut a shallow "x" in the painted surface with a razor blade. Wrap a strip of masking tape around your finger (sticky side out), and press it to the "x", checking to see whether the paint film separates from the wall surface. If the paint film separates, the wall is not sound.
  - c. Take a wet sponge, hold it against the painted surface for 15-20 seconds, checking for any pigment or color transfer from the wall surface to the sponge. If the pigment or color transfers, the wall is not sound.
  - d. *If the painted surface is found to be "unsound" by either of the above tests, the paint must be removed.*
- 4) Remove old wallcovering completely. DO NOT DOUBLE HANG. After wallcovering is removed, remove remaining adhesive with a good quality adhesive remover, then rinse the wall and allow to dry. See Step 1. If the old wallcovering is peelable, remove both the top and bottom layer of wallcovering.
- 5) Surfaces other than drywall or plaster may require special procedures and application techniques. Contact your distributor or manufacturer for recommendations prior to starting.

### APPLICATION

- 1) All rolls are numbered consecutively. Rolls must be cut and installed in sequence, starting with the lowest numbered roll. All strips should be numbered and hung in sequence as they are cut from the roll.
- 2) When hanging non-matched textured patterns, reverse hang alternate strips. After 3 strips are hung, carefully inspect the wallcovering. If the pattern effect is not acceptable, re-hang strip No. 2 without reversing. Approval should be obtained at this point before proceeding. If there is variation in color and/or pattern effect, discontinue hanging and contact your distributor immediately. THE MANUFACTURER WILL NOT BE RESPONSIBLE FOR CLAIMS BEYOND THREE (3) STRIPS.
- 3) Seams on non-matched patterns may be table trimmed, or overlapped and double-cut during installation, exercising care not to cut too deeply into the wall substrate. Geometric and matched designs may require table trimming for match perfection.
- 4) Apply a premium grade, full strength, heavy duty clear, strippable, mildew resistant adhesive to the back of the wallcovering using a pasting machine or directly to the wall using a paint roller. Adhesive should be maintained at temperatures between 65° and 78° F (18°- 26° C) prior to use. Follow the adhesive manufacturer's instructions on coverage and set time.  
**NOTE:** For best results, **microvented** wallcovering should be DRY HUNG by applying the adhesive to the wall surface.
- 5) Install each sheet on the wall using a stiff, short bristle brush or flexible broadknife. Apply material in sequence above doors and above and below windows as it comes from the roll – DO NOT SKIP. Vertical joints should not occur less than six inches from inside or outside corners. A heat gun may be used to allow the vinyl to conform to irregular corners.
- 6) Remove excess adhesive and dirt from wallcovering surface, seams and surrounding surfaces immediately, using a sponge or damp cloth frequently rinsed in clean, warm water. A paste release chemical designed to break the static electricity generated may be added to the water. Dry with a soft, lint-free cloth. Do not use an excessive amount of water to remove adhesive from seams, as it may seep into the seam and dilute the adhesive. As dried adhesive is difficult, and in some cases impossible to remove, immediate removal is imperative. Clean all seams to avoid paste staining.



## DISCLAIMER/LIMITED WARRANTY—

SUBJECT TO THE CONDITIONS AND LIMITATIONS HEREIN, THE WALLCOVERING IS GUARANTEED TO BE FREE OF DEFECTS IN WORKMANSHIP AND MATERIAL FOR FIVE YEARS FROM THE DATE OF SHIPMENT OF THE PRODUCT. THE MANUFACTURER IS NOT RESPONSIBLE OR LIABLE FOR CLAIMS IF THE APPLICATION INSTRUCTIONS ARE NOT FOLLOWED, NOR IS THE MANUFACTURER RESPONSIBLE OR LIABLE FOR LABOR AND ASSOCIATED COSTS, OVER AND ABOVE THE COST FOR REPLACEMENT OF THE MATERIAL.

THE MANUFACTURER specifically advises all parties that mold will grow in conducive conditions where moisture and/or water is present. THE MANUFACTURER cannot control such conducive conditions and is not responsible or liable for any claims, damages or the like in any way related to or arising in connection with the occurrence or presence of mold. THE MANUFACTURER also shall not be liable for any damages arising from the misuse of the product, improper handling or storage, improper or defective building conditions, or alteration of the product by others.

The Customer understands and agrees that certain conditions within a building may cause the growth of various types of mold, organisms or other hazardous pollutants or contaminants. These conditions may be caused by a combination of moisture, warm air and an organic medium. These conditions may be created by a number of circumstances including, but not limited to, leaking roofs, walls, floors, windows, water or soil lines breaking, inadequate and poorly balanced heating and ventilation equipment, the improper use of vapor control media on exterior walls, storms, floods, vandalism, etc. Moist or wet areas may be undiscoverable without removal of ceiling, wall and floor coverings and a thorough investigation of the specific areas. These coverings include paneling, drywall or plaster materials, floor coverings, underlayment and sub-flooring, sheathing, exterior siding and possibly roofing materials and decking.

THE MANUFACTURER assumes no responsibility or liability for any reason, now or in the future, for any mold or other organisms that may grow in the covered or other areas of the building, and Customer will indemnify, defend, and hold harmless THE MANUFACTURER for any potential or realized property damage or health or safety issues because of airborne pollutants or any other type of hazardous materials or organisms found in the covered or other areas of the building.

THIS LIMITED WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY THE MANUFACTURER. THE MANUFACTURER makes no other or additional warranty, whether expressed or implied, including, without limit, the implied warranties of merchantability and fitness for a particular purpose, all of which are hereby expressly disclaimed. THE MANUFACTURER expressly disclaims all liability for any redhibitory defects. The Customer's sole remedy and THE MANUFACTURER's sole liability shall be limited to product replacement. THE MANUFACTURER will not be liable for direct consequential or incidental damages, including without limitation lost profits, punitive damages, loss of use damages, loss of value damages, damage to other property, etc. even if THE MANUFACTURER is aware of the possibility of these damages occurring. All claims made under this Limited Warranty must be made in writing to THE MANUFACTURER within 90 days of the first knowledge of any defect, and within the warranty period or such claims are waived.

