

# RAMPART® Stronghold™ Wall Liner

## Installation Guidelines

For RSL 602 (Scrim backing) and RSL 609 (Jute backing)

### PRODUCT DESCRIPTION

*RAMPART Stronghold* is a wall liner used to cover ceramic tiles, concrete/cinder blocks, laminates, plywood paneling, and other wall surfaces with indentations, prior to installing RAMPART wall protection. It can also be used on MDF board; rigid panels such as FRP, Acrovyn®, and Inpro®; and drywall. Its purpose is to provide a smooth substrate for applying RAMPART wall protection. RAMPART Stronghold hides cracks, joints, pores, patches, and other surface irregularities, and can be used for new construction, repair, or remodeling applications.

RAMPART Stronghold is comprised of natural jute or polyester fabric that is totally encapsulated with patented uncrystallized gypsum cement. Once a waterbased adhesive is applied to the wall liner for bonding to a wall, the water hardens the gypsum in place, forming a surface "similar to" a hard plaster veneer. A primer may or may not be needed depending upon the face condition of the existing substrate. **Always do a small mock up first** to determine, prior to applying the wall liner. The installation is dustless, non-toxic, and virtually odorless, and will cause minimal disruption to a facility. Mounting RAMPART wall protection to this strong foundation creates a perfect scenario for protecting walls from impact and abrasion.

### BEFORE YOU BEGIN INSTALLATION

Examine your shipment to ensure that the material is satisfactory, and the quantity is as ordered. *In the event that any discrepancies are found, contact Wolf-Gordon customer service at 800-347-0550 before proceeding.*

RAMPART Stronghold should be transported and stored at a temperature between 50°–90°F. It is recommended that the wall surface to which the wall liner is applied be a minimum of 50°F for at least 12 hours prior to, and 24 hours after, installation. Verify that the wall moisture content does not exceed 4% using a suitable moisture meter, and that active moisture infiltration, condensation, and/or accumulation—particularly in warm, humid climates—is not present. If walls show mold, mildew or visible moisture damage, or if moisture content exceeds recommendations, do not proceed with installation until the condition has been fully corrected under the direction of a qualified professional. *Wolf-Gordon will not be responsible for any performance or quality issues if moisture problems are not addressed before or following installation.*

### HANGING GUIDELINES

RAMPART Stronghold should be overlapped and double-cut when installing. When cutting the material, allow for a 2" overlap at the floor and at the ceiling or top of the wall to be covered with RAMPART wall protection. When applying Stronghold to an irregular surface, roll a uniform coat of Roman *PRO-555 Extreme Tack Adhesive* on the back of the wall liner using a 3/8" nap roller. For RSL 609, the back has a rough surface; for RSL 602, the adhesive can be applied to either side. A commercial pasting machine can also be used. The amount of adhesive to apply is equivalent to one coat of paint. Fold each sheet over carefully and allow 5–10 minutes booking time for the adhesive to tack.

### Applying Stronghold over smooth, non-porous surfaces

For smooth surfaces such as glass, glazed block, glazed ceramic tile, metal, marble, and travertine, prime the surface with Roman *PRO-935 (R-35®) Clear Adhesion Promoting Wallpaper Primer*. Ensure that the surface has been cleaned and is free of grease, dirt, and any sealants. If installing over a metal surface, a rust-inhibiting primer should be used prior to applying R-35. Allow the surface to dry for a minimum of 4 hours; preferably overnight. After the appropriate drying time, Stronghold can be installed following the standard Hanging Guidelines (above) and Installation procedure.

### INSTALLATION

After booking, and within 10 minutes of paste application, unfold the liner from the top and take it to the wall. Position the first panel of Stronghold, overlapping the ceiling or top of the wall to be covered, and drop down the remainder of the panel, overlapping the floor or baseboard. Using a short-bristle brush or plastic smoother (do not use sharp-edged

tools), press the panel from the middle to the outside edges in a diagonal motion (corner to corner). This will remove any entrapped air and span the grout joints underneath so the liner is not pushed into the joints. Trim at the ceiling/top of wall and the baseboard with a snap-off blade utility knife and straightedge, or a wide sheetrock taping knife. Trim by cutting above the straightedge for a ceiling edge, and below the straightedge for the floor, so the panel is not cut short.

When the adhesive dries, the liner will tighten up against the wall and the uncrystallized gypsum cement will harden in place, similar to a hard plaster veneer.

When applying the second panel, overlap the first panel and smooth the wall liner out firmly, as done with the first panel. Flatten the seams by exerting light pressure with a seam roller. Before applying the next panel, trim the top and bottom of the panel as with the first panel, and proceed in the same manner around the room. It is recommended to butt seam at both inside and outside corners to achieve the best results.

Once installed, allow RAMPART Stronghold to dry for 12–24 hours. **Upon inspection after 12–24 hours, or if the wall liner was applied over a highly irregular surface, a light coat of Durabond® may be required in recessed areas to ensure the material is flush before installing RAMPART wall protection.** Very lightly sanding the seams of the wall liner is recommended. Should a highly smooth surface be desired, the wall liner can be skim coated to achieve the finish level required.

*After installation, the walls and wall liner should be monitored for potential moisture or vapor infiltration, which must be promptly eliminated.*