

# WPSD-12 Stainless Steel Diamond Plate Wall Covering

## Installation Instructions

- The wall surface where the wall covering is being installed must be dry and clean. Remove any dirt, dust, or loose paint.
- Set a datum line for the area to be covered. If installing as a wainscot, make sure the sight line at the top is level. If installing at full height, the vertical edges must be plumb.
- Begin installation with a flat wall panel and continue installing wall panels until you reach the next corner or termination. Utilize factory edges at butt seams for a tight fit, and seal with caulk if necessary.
- Determine the end point of the last panel, and cut the panel to size. Use the excess flat material on the next wall if it makes mathematical sense. Otherwise, start the next wall with a new flat wall panel.
- It is recommended to dry fit all panels and corners before installing to ensure dimensions are accurate and cut-outs are aligned.
- Inside and outside corners can be installed after the wall panels. The corners mount directly over the wall panels, so it is not necessary for the wall panels to butt tightly together at inside and outside corners.
- Utilize the high-impact top cap to finish the top and open edges.
- Seal seams with clear or color matched caulk as required.
- Adhesive installation - apply the adhesive to the back of the wall panel or corner. Place beads of adhesive 2" away from the perimeter edges and across the width of the material every 8-12 inches. Press the panels in place by hand, and then run a heavy pressure roller back and forth across the panel to make sure there is strong adhesion between the substrate and the wall panel. Allow 24-48 hours for the adhesive to cure. Additional bracing can be used to prevent movement once the panels are in place.
- Screw-On installation - drill holes every 16-inches on center and no more than 2" from the panel edges.

## Important

1. Acclimate materials to the installation environment for 24 hours prior to installation. Maintain a temperature controlled environment during and after installation.
2. To cut the material, use compound-action snips or shears for 20ga thickness or less. Use a sheet metal nibbler or electric jigsaw with metal cutting blade to cut 20ga-16ga thickness. Anything thicker than 16ga should be cut with an angle grinder and abrasive cutoff wheel. Cutting with an angle grinder will produce a lot of sparks and smoke and should be done far away from flammable substances and outside if possible. If there are any surface burns, remove with scotch-brite pad.
3. To drill the material, use a good quality high-speed steel bit and a variable drill with good torque. For anything larger than a 1/8-inch hole, use a step drill bit. Use lubricant and clamp the item securely. Use a punch and hammer to make a dimple where the hole is to be drilled. This will keep the drill bit from wandering.

**DISCLAIMER:** Please read all instructions before beginning installation. These guidelines are provided in good faith to help prevent any problems caused by errors in installation. The manufacturer of this product shall not be held responsible for installation actions taken or not taken. There are many details of installation that are assumed to be general construction knowledge to experienced installers; which are not included in these instructions. These installation guidelines are intended to be strictly recommendations and are not to serve as a step-by-step, fail-safe installation checklist. Selection of an experienced installer is the sole responsibility of the project owner and architect. Protek Systems, Inc. does not accept any responsibility for job failure resulting from or associated with improper site environmental conditions and installation failure due to expansion contraction issues.