

Nelplas Wall Protection Systems

550/200-Series Handrail

Installation Instructions

1. Locate and install **NELPLAS**® Handrail in accordance with architectural drawings and specifications. When required, **NELPLAS** shop drawings should be used in conjunction with these documents.
2. Lay out the work to be completed, including all component parts, along the base of the wall. Check the material for any damage that may have occurred during shipment and/or handling at the job site.
3. Snap a chalk line at the proper location on the wall to ensure a level installation. Chalk line should be calculated to the center line of the mounting bracket wall fasteners.
4. Place the retainer in the proper position on the chalk line and mark hole locations using the proper bit size for fasteners.
NOTE: If the aluminum retainer has been supplied in stock lengths, it will be necessary for it to be field-cut. Determine the allowances necessary for door jambs, corner conditions, etc. (see back of sheet) and cut retainer to proper length. Drill 9/32" (7.14mm) holes at I.D. mark on retainer 3" (76.2mm) in from each end and all intermediate locations not to exceed 32" (812.8mm) O.C.
5. Attach connector plates to ends of retainer using two #8 x 1" (25.4mm) hex head screws.
6. Attach ends and corners using two #8 x 1" (25.4mm) hex head screws. If reveals are being used, insert reveal between end/corner and connector plate before attaching.
7. Attach splice joints with 3/16" x 1-1/2" (4.76mm x 38.1mm) hex head machine bolts, washers, and nuts.
8. Mount assembly to wall using 1/4" x 4" (6.35mm x 101.6mm) fastener (not included). Feed fastener through retainer and mounting bracket. Attach and feed through wall. Tighten securely.
NOTE: Prior to installation of the NELPLAS cover, make sure that all fasteners are secure and properly seated.
9. Hold the **NELPLAS** cover at an angle and place the longer edge of the cover behind the top of the retainer. Make sure that the cover is placed in the proper position and snap-fit the **NELPLAS** cover onto the aluminum retainer by placing hands downward and applying pressure with the heel of each hand to force the cover onto the retainer. Continue along until the complete length of the cover is securely installed.
10. If you have any questions during installation, please call your local **NELPLAS** representative.
NOTE: If the NELPLAS cover has been supplied in stock lengths, it will be necessary for it to be field-cut. Determine the distance from inside cap to inside cap. It is recommended that the NELPLAS cover be cut slightly oversize to provide proper alignment between the end caps.

Model 550 is shown



