

Core-Fix Shear

SHEAR ANCHOR FOR STONE & PRECAST VENEERS

Core-Fix Shear Anchors are used to take the applied lateral loads and self-weight shear loads acting on existing masonry façades to maintain the integrity of the wall.

Special Features

- Maintains structural stability
- Resists both lateral and shear applied loads
- Minimal disturbance to building occupants
- Minimal disfiguration of the building façade

Performance

Core-Fix Shear Anchors typically generate pull-out load capacities in excess of 3,000 lbf

Materials

Core-Fix Shear Anchor components are manufactured from AISI Type 303 Stainless Steel with an ultimate tensile yield strength of 100,000 psi and AISI CDA360 Brass with an ultimate tensile yield strength of 68,200 psi.

Sizes

Core-Fix Shear Anchors are available in diameters from ½" to 1½", and in various lengths according to the project requirements.



Installation Procedure

1. Drill the correct size diameter pilot hole through the veneer stone and into the substructure to the specified depth at each location
2. Remove the cone and expansion sleeve from one end of the anchor and mount it on the installation tool as shown.
3. Install the anchor into the pilot hole and position it to the specified depth behind the face of the veneer panel.
4. Tighten the anchor using a socket wrench to hand tight plus one quarter of a turn (approx. 100 in lbs) and remove the installation tool.
5. Re-assemble the expansion sleeve and cone on the anchor shaft
6. Use the veneer-side installation tool to tighten the slotted threaded cone also to hand tight plus one quarter of a turn (approx. 100 in lbs) and remove the installation tool.
7. Patch to complete.



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