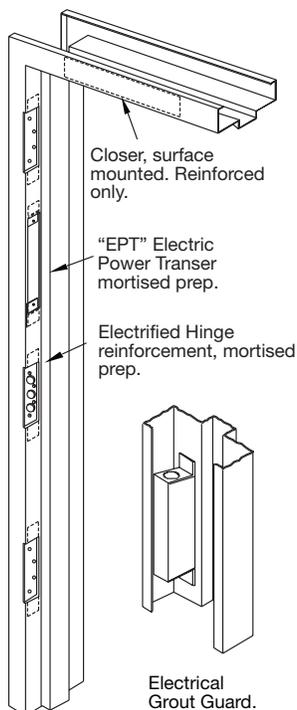


Electrified Hardware Preparations



Frames requiring mortised electrified hardware (as listed in the approved hardware schedule) shall be prepared with min. 0.016" thick steel grout guard welded at back of hardware reinforcement in frame. Size and depth of grout guard as required per template. Each end of the grout guard to be provided with 7/8" knock-out, "electrical grout guard". Optional junction box may be provided upon request.

Frames requiring surface applied electrified hardware are reinforced only (no preparation for access holes or providing electrical grout guard) unless the frame manufacturer has been requested to prior to, or at the time of release for fabrication. Since surface hardware is only required to be reinforced, it is imperative that the hardware supplier be very specific when requesting which electrified surface applied hardware items are to have additional preparations in an effort to help reduce extra charges and production delays due to the special hardware preparation.

Hardware locations provided to the hollow metal manufacturer shall govern the location of hardware. Shown for clarity, the middle hinge is prepared for mortised electrified hardware, and the mortised "EPT" prepped below the top hinge. Closer is surface mounted and only internal reinforcements are provided.

Doors requiring electrified hardware preparations shall be constructed with internal raceways or prewired between electrified hardware items only. Installation of pull wires or actual low voltage harness should be coordinated between supplier and manufacturer prior to release for fabrication.

NOMENCLATURE (definitions of terms used):

Electrical Grout Guard: A Grout Guard with a 7/8 inch round knock-out provided at each end.

Grout Guard: A metal cover attached to a frame behind reinforcement for mortised or recessed hardware items to prevent grout from entering the mounting holes. Also referred to as Dust Cover Guard, Masonry Guard, Mortar Guard, or Plaster Guard.

Hardware Schedule: Complete listing of all hardware specified for a project, organized by opening numbers including Door Headings, manufactures names, template numbers and special locations.

Junction Box: An Electrical Grout Guard with a removable cover for access to wire connections, prior to build-up of wall.

Mortised: A recess on a minimum of 3-sides of a hardware item closely surrounding the contour of the item allowing its faceplate to finish flush or slightly raised with the door or frame finished surface.

Mortised Hardware: A hardware item which is installed in a recess of a door or frame.

Surface Hardware: A hardware item which is attached to the flush surface of the door or frame. Preparation of this device is intended to be done in the field.