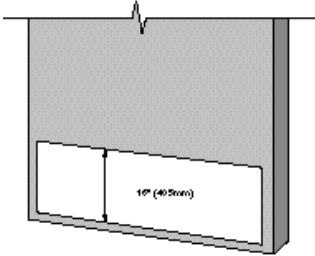


Protection Plates on Fire Doors

NFPA 80 PROTECTION PLATES



Unless otherwise tested and approved, protection plates are to be located within the lower 16" (405mm) area of the door.

NFPA 80, Standard for Fire Doors and Fire Windows, 1995 Edition, limits protection plates or kickplates on fire doors to a 16" (405mm) high area at the bottom of the door. Protection plates attached above this area must be tested and approved and the plate material must be as indicated in the door manufacturer's individual published listings. **Algoma has approvals over 16" (405mm) in height.**

Plates are usually fastened to wood doors with adhesives, small screws or other mechanical fastener. The attachment method also has to be "tested and approved". Verify approvals with your door supplier to avoid problems as some building inspectors may reject installed fire doors with protection plates if the are not in accordance with NFPA 80 or the door manufacturer's published listings.

Algoma Hardwoods, Inc. - Protection Plate Approvals

C-label and B-label Wood Fire Doors (45, 60, and 90 Minute):

Materials:	U.L. Listed cladding materials for doors and frames (Rigid-PVC) or high- pressure laminates, maximum thickness .060" (1.5mm).
Maximum Size:	48" (1220mm) from bottom of door, one or both faces of door.
Attachment:	Can be applied with the peel and stick adhesive supplied on the back of the protective plate or with an adhesive as recommended by the cladding manufacturer or with Swifts #17383 contact cement.
Other Options:	May be used with full or partial height surface type Rigid-PVC or stainless steel edge guards.

20 Minute Wood Fire Doors:

Materials:	U.L. Listed cladding materials for doors and frames (Rigid-PVC), aluminum, bronze, stainless steel, or high-pressure laminates, maximum thickness .060" (1.5mm).
Maximum Size:	48" (1220mm) from bottom of door, one or both faces of door.
Attachment:	Can be applied with the peel and stick adhesive supplied on the back of the protective plate or with an adhesive as recommended by the cladding manufacturer or with Swifts #17383 contact cement. Aluminum, bronze, or stainless steel protective plates may also be applied with metal wood screws.
Other Options:	May be used with full or partial height surface or mortise type Rigid-PVC or stainless steel edge guards.