

DIVISION 08 OPENINGS

08 15 13 Laminated Plastic Faced Doors

PART 1: GENERAL

1.01 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of Texas State University for wood doors and panels; fire-rated and non-fire-rated; flush wood doors and panels with veneer facings.
- B. Texas State University recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for Texas State University projects.

1.02 Design Guidelines

- A. Avoid use of pocket sliding doors.
- B. Avoid use of folding doors.
- C. No sliding or folding doors in path of exit access.
- D. In door clearance selection consider the possibility of future change of floor surface height such as is occasioned by the addition of carpet.
- E. Wherever possible use single doors rather than pairs of doors.
- F. Generally use doors which are flush or which utilize the simplest form of trim.
- G. Do not use louvered doors for decorative purposes.
- H. For energy conservation where practical, incorporate an air lock vestibule in main (heavy traffic) doors opening to the outside.
- I. Use removable mullions in pairs of doors to provide best locking condition.
- J. Doors on electrical rooms or closets should swing out.
- K. Doors on transformer vault rooms are required to swing out to conform to NFPA Standards.
- L. Laminated plastic faced doors should not be used on the exterior.
- M. Flush bolts should not be used on laminated plastic faced doors.
- N. Glass with Door.
 - 1. Use Tempered or safety glass in entrance doors and in sidelights at entrances.

2. Provide suitable rail protection or decals as warning at glass doors and glass sidelights where glass panels extend down near floors.
 3. Generally avoid extending glass down to floor level.
 4. Provide curbs at base of glass panels to protect glass from cleaning equipment and to prevent furniture from being pushed into glass.
 5. Avoid use of excessively large glass panels in doors and sidelights.
 6. In fire rated wall or partition, glass vision panels or glass sidelights must comply with International Building Code and the NFPA Life Safety Code.
 7. Provide vision panels at interior occupied room locations.
 8. Where light kits are used a 10" stile is required on latch side.
- O. Wires for electrified hardware must be in conduit.

1.03 Quality Control

- A. Doors shall comply with National Wood Window and Door Association Standards (NWWDA).
- B. Architectural Woodwork Quality Standards, Guide Specifications & Quality Certification Program.
- C. Contractor shall comply with Architectural Woodwork Institute (AWI)
- D. NEMA LD3-High Pressure Laminates
- E. Warranty: Maximum warranty available will be required. Lifetime warranty preferred.
- F. Contractor shall install doors prior to building having conditioned air.
- G. Fire/Smoke Doors
 1. Where required by NFPA Standard 101, Life Safety Code only tested & labeled fire rated door/frame assemblies will be installed.
 2. Electronic hold-open and release mechanisms on fire doors can be used where approved by the Project Representative.
 3. Comply with NFPA 80 Fire Doors and Other Opening Protectives.

PART 2: PRODUCTS

2.01 General

- A. Grade: AWI Premium. AWI 1300; PC-HPDL-3
- B. Faces: High Pressure Decorative Laminate Veneer Doors. Grade 10 General purpose, NEMA Standard LD-3.

- C. Construction: 7 ply, 1 3/4" minimum door thickness.
- D. Core: Solid block staved lumber; fire-rated mineral core. Hollow core doors are not acceptable.
- E. Edges: Plastic laminate edge trim to match face; no visible joints allowed. Fire-rated mineral core doors to have minimum 1 3/8" thick solid edges or solid blocking at hinge lockset and closer locations, 4 1/2" top & bottom rails.
- F. Verify plastic laminate door appearance matches or coordinates with plastic laminate used elsewhere on project.

PART 3: EXECUTION

- A. Consultants shall coordinate security system & hardware requirements with this section to provide necessary hardware preps & reinforcing as part of the construction contract.
- B. Hardware submittal must be reviewed and approved before doors are ordered.

END OF SECTION 08 15 13