

DIVISION 08 OPENINGS

08 71 00 Hardware

PART 1: GENERAL:

1.01 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of Texas State University for door hardware.
- 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.
- C. Door hardware must balance aesthetics and function, with function taking priority.

1.02 Design Guidelines:

- A. Finish Hardware Specification including hardware sets for all openings should be provided to Texas State University Access Services/Locksmith at the Review of Construction Document stage.
- B. Finish Hardware for Entrance and Storefronts, Storefronts, Curtain Wall and Glazed Assemblies – Section 084400 should be specified in Finish Hardware 087100.
- C. New Buildings – Hardware finish shall be 613 Satin Bronze, oil rubbed, 626 Satin Chrome, 630 Satin Stainless Steel or 313 to match doors/frame, except for handles and push plates and pulls which shall be 630 Stainless Steel. Coordinate with door/frame specification.
- D. Existing Building – Match existing.

PART 2: PRODUCTS

- A. The following products should not be used on Texas State University projects without approval of Texas State University Access Services/Locksmith/Carpenter Shop:

- Pivots
- Spring hinges
- Overhead concealed closers
- Floor closers
- Vertical rod exit devices
- Manual Flush Bolts
- Automatic Flush Bolts
- Electromagnetic locks
- Electric strikes

- B. Constant Latching Flushbolts should only be used on hollow metal doors.

C. Cylindrical Locks/Latches:

Corridor to dorm should be ND73 Sparta lever on the corridor side, Athens lever on the interior side.

Classrooms should be ND97.

Card read doors must be ND80EU RX.

Maintenance, custodial, storage should be ND80.

Acceptable Manufacturers:

Schlage – ND Series – NO SUBSTITUTION

D. Cylinders:

Include cylinders and cores for Access Doors located in public areas or where providing access to crawl spaces, Coiling Doors and Grilles.

E. Exit Devices:

Utilize Rim Panic Devices only.

At pairs of doors use key removable mullion and mullion storage kit.

Classrooms:

Fire rated - 2 double cylinders with thumb turn cylinder.

(98-L-F-2-996-17 with XB11-979 Thumb-turn Rim Cylinder)

Non Fire rated - cylinder dogging with thumb turn cylinder.

Card read doors:

Card read door should include RX request to exit and E996L electrified trim.

Card read doors with automatic operators should be EL electric latch retraction and QEL quiet electric latch retraction RX request to exit and E996L electrified trim.

Acceptable Manufacturers:

Von Duprin – 98 Series – NO SUBSTITUTION

Exit Devices on wood exterior and interior doors only, shall be supplied and installed with thru-bolts.

F. Key System:

Large Format Interchangeable

Acceptable Manufacturers:

Schlage – Primus XP – NO SUBSTITUTION

G. Kick Plate:

Custodial closets should have kick plates.

H. Door Stops and Holders:

Where wall stop are used, provide and install blocking in the wall.

I. Power Supply:

Coordinate power supply location with Access Services. Make sure to show location on electrical drawings.

J. Alarmed Egress:

Where delayed egress is desired, but not allowed due to code utilize Chexit or Chexit module with 0 second nuisance and 0 second delay.

K. Gate Hardware:

Specify the hardware for the personnel gates in Finish Hardware.

L. Door Closers:

Closers on wood door shall be supplied and installed with thru-bolts.

PART 3: EXECUTION: (NOT USED)

END OF SECTION 08 71 00