

FACILITIES DESIGN GUIDELINES

INT - INTERIORS

The following is an updated section of the Facilities Design Guidelines effective immediately upon posting on the Facilities Planning & Construction website. Changes are noted in the margin reflecting changes to implement increase security and safety measures for students, faculty, staff, and the general public on the Grounds, at the College of Wise, and all University owned properties including those of University foundations as owners of properties.

INT.10.2.2 Locksets

The University, with the exception of the Housing Division, which uses a Best 7-pin system, utilizes a Corbin Great-Great-Great Grand Master 7-pin keying system. Locksets shall accommodate University purchased and installed cylinders and cores.

Facilities Management or Housing Division lock shop personnel shall accomplish the procurement, keying and installation of cylinders and cores. Construction cores may be installed by the Contractor during construction, but will be removed prior to beneficial occupancy.

Locksets shall be extra heavy duty, manufactured by Corbin/Russwin, Best or Yale. All interior locksets shall have lever handles with removable core mortised locks in the Corbin ML2000 series, LWA Design and C-7 Keyway, or similar designs in Best and Yale.

Classroom, lecture hall, teaching laboratory, and laboratory corridor access doors shall be equipped with locksets enabling occupants to readily secure door(s) from within the room. The basis of design for these locksets is Corbin/Russwin model ML2067, apartment function (deadbolt by key outside or by thumb turn inside, inside grip simultaneously retracts latch bolt and deadbolt permitting egress without unlocking door).

For classrooms, lecture halls, and assembly rooms requiring more than one exit, electronic locking shall be provided from a University agreed switch location(s) within these spaces, including where occupancy loads or agreed design parameters require panic hardware.

All panic hardware devices shall be heavy-duty, grade 1 push bar type capable of accepting a Corbin 7-pin cylinder and core (Best 7-pin cylinder and core in housing projects), through bolted with six bolts where possible, manufactured by Von Duprin, Corbin/ Russwin, or Sargent. The basis of design for panic hardware is Von Duprin model 9900 (and 9900E where electronic locking is applicable). Associated with electronic locking

this basis of design is Corbin/Ruswin series ED5202/5602 double cylinder exit device.

See GENERAL REQUIREMENTS, **GR.5.3** Card reader Requirements for major entrances. Unless exempted by an approved Determinations and Findings Report, exterior doors serving students, faculty, staff and general public are to be card reader controlled. University student, faculty, and staff identification systems are ___ volt.

Hardware finish shall be Builder's Hardware Manufacturing Association (BHMA) 630.

Push button combination locksets or similar types of security hardware may be authorized where required by program. Such locks, when authorized by the Project Manager, shall have an override keyed to the University's system.

Use of combination door locks requires approval by the Facilities Management Locksmith (Academic facilities), Director of Health Systems Physical Plant (Health Systems facilities), and the University Department of Police. Use of combination locks otherwise is prohibited.