FF-L-2890B
INTERIM AMENDMENT 1
JUNE 19, 2015

FEDERAL SPECIFICATION

LOCK EXTENSION (PEDESTRIAN DOOR, DEADBOLT)

This interim amendment was developed by the General Services Administration, Federal Supply Service, based upon currently available technical information.

The General Services Administration has authorized the use of this interim amendment that forms a part of FF-L-2890B, dated April 17, 2012, by all federal agencies.

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Paragraph 1.3, delete last sentence and substitute "Auxiliary door deadbolts (ADB) are used for security."

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Delete Paragraph 1.5 in its entirety and substitute the following:

1.5 Classification descriptions.

Type I – PDPL with integrated mechanical access control capability, FF-L-2740 electromechanical combination lock and ADA compliant one-function egress mechanism.

Type II – PDPL with integrated electronic access control capability, FF-L-2740 electromechanical combination lock and ADA compliant one-function egress mechanism.

Type III – PDLAP with integrated mechanical access control capability, FF-L-2740 electromechanical combination lock and fire rated panic hardware.

Type IV – PDLAP with integrated electronic access control capability, FF-L-2740 electromechanical combination lock and fire rated panic hardware.

Type V – ADB with FF-L-2740 electromechanical combination lock and escape mechanism extension with a manually operated life safety device.

Type VI – ADB with FF-L-2740 electromechanical combination lock and escape mechanism extension with an automatic life safety device with keyed reset function.

Types I through IV are required to comply with the following industry documents:

ANSI/BHMA A156.2, A156.3, & A156.36 – ADA/UFAS compliant
ANSI/BHMA A156.2, A156.3, & A156.36 – ADA/UFAS compliant with access control interface
ANSI/BHMA A156.2, A156.3, & A156.36 – Compliant with ANSI/BHMA A117.1

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Delete paragraph 3.4.2 in its entirety and substitute the following:

3.4.2 Compliance with access and egress requirements. Type I through IV Lock extensions shall comply with requirements of the UFAS, the ADA, the IBC, the NFPA Code 80 and 101 and ANSI/BHMA A117.1.

Delete paragraph 3.4.4 in its entirety and substitute the following:

3.4.4 Life safety feature. The following requirements apply to Types I through IV: Lock extensions shall incorporate a life safety feature to meet the requirements of ICC (IBC & IFC), and NFPA 80 and 101. The operating devices should be capable of being operated with one hand and should not require tight grasping, tight pinching, or twisting of the wrist to operate once the lock is in the open condition. The life safety feature must ensure a quick, safe exit in the case of an emergency.

Type V ADB shall use a keyed cylinder. Each Type V ADB shall be furnished with a minimum of two keys.

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Delete paragraph 4.7.1 in its entirety and substitute the following:

4.7.1 Cycle test. The Type I through Type IV lock extension shall be subjected to 500,000 cycles of operation without replacement of any component. The Type V and VI lock extension shall be subjected to 10,000 cycles of operation without replacement of any component. One cycle shall consist of the activation of every aspect of the lock extension. The lock extension shall operate smoothly and the torque shall be in the range specified in 3.5.1. Any failure of the lock extension during test shall be cause for rejection.

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Delete paragraph 6.1 on its entirety and substitute the following:

6.1 Intended use. The lock extensions covered by this specification are intended for use on interior pedestrian doors used for normal entrance and egress during day-to-day operations.

6.1.1 Type I. For use on standard egress doors, right and left hand interchangeable, standard and reverse bevel capable, that require one-handed, single-motion egress with no panic requirements. This lock is meant to be used on rooms/facilities where the occupancy is less than what the Authority Having Jurisdiction (AHJ) considers meeting assembly requirements.

6.1.2 Type II. For use on standard egress doors, right and left hand interchangeable, standard and reverse bevel capable, that require one-handed, single-motion egress with no panic requirements. This lock is meant to be used on rooms/facilities where the occupancy is less than what the AHJ considers meeting assembly requirements.

6.1.3 Type III. For use on fire exit doors, right and left hand interchangeable, standard and reverse bevel capable, that require one-handed, single-motion egress with panic requirements. This lock is meant for use on rooms/facilities where the occupancy is equal to or greater than what the AHJ considers meeting assembly requirements.

6.1.4 Type IV. For use on fire exit doors, right and left hand interchangeable, standard and reverse bevel capable, that require one-handed, single-motion egress with panic requirements. This lock is meant for use on rooms/facilities where the occupancy is equal to or greater than what the AHJ considers meeting assembly requirements.

6.1.5 Type V. For use on standard egress doors, right and left hand interchangeable, standard and reverse bevel capable, that are not on a required egress route and are not required to have one-handed single-motion egress. This lock is meant for use on rooms/facilities where there is no regular occupancy. An example of this would be a telecommunications closet. Use is still subject to AHJ approval.

6.1.6 Type VI. For use on standard egress doors, right and left hand interchangeable, standard and reverse bevel capable, that are not on a required egress route and are not required to have one-handed single-motion egress. This lock is meant for use on rooms/facilities where there is no regular occupancy. An example of this would be a telecommunications closet. Use is still subject to AHJ approval.