



Promulgation Details for 1 RCNY 1014-01

This rule became effective on September, 2, 2008.



NYC Department of Buildings
280 Broadway, New York, NY 10007

Robert D. LiMandri
Acting Commissioner

280 Broadway, 7th Floor
New York, NY 10007
Phone: (212) 566-3103
Fax: (212) 566-3785

Statement of Substantial Need for Earlier Implementation

I hereby find, pursuant to §1043, subdivision e, paragraph 1(c) of the New York City Charter, and hereby represent to the Mayor, that there is substantial need for the implementation of new Section §1014-01 of Title 1 of the Rules of the City of New York, governing the technical standards for the installation of masonry equivalent exit enclosures, upon the publication in the City Record of its Notice of Adoption.

This is one of the Rules needed to implement the City's new Construction Codes, including the Building Code, which became effective on July 1, 2008. Local Law 33 of 2007 provides that exit enclosures serving specific Group B and Group R occupancies that are built with masonry equivalent construction must be constructed in accordance with department rules. Pursuant to Local Law 33 of 2007, as codified in Sections 1014.2.1 and 1019.1 of the Building Code, this rule establishes the technical standards for the installation of masonry equivalent exit enclosures. The new codes are in effect already and thus this rule is needed as soon as possible.

A handwritten signature in black ink, appearing to read "Robert D. LiMandri".

Robert D. LiMandri
Acting Commissioner
Department of Buildings

APPROVED: _____

A handwritten signature in black ink, appearing to read "Michael R. Bloomberg".
Michael R. Bloomberg
Mayor

DATE: _____

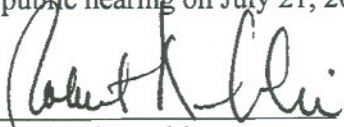
8/21/08

NOTICE OF ADOPTION OF RULE

NOTICE IS HEREBY GIVEN, pursuant to the authority vested in the Commissioner of the Department of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the addition of Section 1014-01 of Title 1 of the Official Compilation of the Rules of the City of New York, regarding the technical standards for the installation of masonry equivalent exit enclosures.

This rule was published on June 18, 2008 and had a public hearing on July 21, 2008.

Dated: 8/13, 2008
New York, New York


Robert D. LiMandri
Acting Commissioner
Department of Buildings

Section 1. Title 1 of the Rules of the City of New York is amended by adding a new chapter 1000 and a new section 1014-01 to read as follows:

Chapter 1000
Means of Egress

§1014-01 Masonry equivalent exit enclosures.

(a) Scope. This rule provides the construction requirements for masonry equivalent exit enclosures in Groups R-1, R-2 and B occupancies.

(b) References. See sections 1014.2.1 (Two exits and exit access doorways, Exceptions 3 and 4) and 1019.1 (Enclosures required Exception 10) of the building code.

(c) Stud wall construction requirements. A masonry equivalent exit enclosure constructed as stud and wall board assembly shall satisfy the following requirements:

(1) Prescriptive stud and wall board assembly. A compliant wall assembly shall be substantially identical to, and shall provide an impact resistance equivalent to or exceeding, the performance of one (1) of the following:

(i) Materials. Impact resistant wall board sheathed on the interior surface of the exit enclosure wall assembly shall be tested by an approved testing agency. The wall board used as the interior face panel shall be listed by an approved agency to ASTM C 1629-06, *Standard Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels*, Impact Classification Level 2, and the base layer panel shall be a minimum 5/8 inch (16 mm) gypsum wall board. Wall board applied to the interior surface of the exit enclosure wall shall not reduce the clear width of the exit stairs below that required for means of egress by Chapter 10 of the building code.

(ii) Assembly. The wall assembly shall be at least two-hour fire resistance rated.

(iii) Installation shall comply with the following:

(A) Studs shall be minimum 3-1/2 inch (89 mm) depth cold-formed steel framing, at least 33 mils thick (20 gauge).

(B) Vertical studs shall be spaced at a maximum distance of 24 inches (610 mm), on center.

(C) Runners shall be securely attached at the floor and ceiling to structural element members and shall comply with the structural requirements of the building code.

(D) Wall boards shall be attached with No. 8 self-drilling bugle-head screws, 12 inches (305 mm), on center maximum, with a minimum depth of 5/8 inch (16 mm) penetration into the wall cavity.

(E) Joints between adjoining sheets of wall board shall be staggered from base layer with face panel layer.

(2) Performance-based requirements. For a wall assembly not classified in subdivision (1) above, a masonry equivalent wall assembly shall satisfy the following requirements:

(i) Materials. Materials constituting the interior side of the exit enclosure wall assembly shall be tested by an approved testing agency to ASTM C1629, Hard Body Impact Classification Level 3.

(ii) Assembly. The wall assembly shall have a minimum two-hour fire resistance rating. The wall assembly shall be tested by an approved testing agency to ASTM C1629, Soft Body Impact Classification Level 2.

(iii) Installation. Wall assemblies shall be anchored to structural members and shall comply with the structural requirements of the building code.

STATEMENT OF BASIS AND PURPOSE

Local Law 33 of 2007 provides that exit enclosures serving specific Group B and Group R occupancies that are built with masonry equivalent construction must be constructed in accordance with department rules.

Pursuant to Local Law 33 of 2007, as codified in Sections 1014.2.1 and 1019.1 of the Building Code, this rule establishes the technical standards for the installation of masonry equivalent exit enclosures.