



## CONSTRUCTION CODES UPDATE PAGES

Attached are Construction Codes Update Pages. These pages reflect local laws enacted and ministerial administrative corrections made after July 1, 2008. Please note that the source of a particular update, the local law number, and year is indicated on each page. Please visit our [webpage](#) to ensure that your codes are complete and up to date as the City Council may periodically pass Local Laws that affect the Construction Codes.

### **Instructions:**

Please place each page, according to its page number found on the bottom right hand corner, into your Construction Codes books. The pages contain letters after the page number and should be placed in alphabetical order following the number, i.e. 5, 6, 6a, 6b, etc.

- Place Title Pages in the front of your Code books for easy reference.
- Note: If you have all four Construction Codes (Building, Mechanical, Plumbing & Fuel Gas), please make sure to insert updates made to the Administrative Provisions into each of the four Code books.

# CONSTRUCTION CODES UPDATE PAGES

## UPDATE # 52

Source: Local Law 21 of 2011, effective January 1, 2012.

This update includes the following pages:

<b>GENERAL ADMINISTRATIVE PROVISIONS (PRECEDING THE BUILDING, FUEL GAS, MECHANICAL AND PLUMBING CODES)</b>	
<b><u>Section</u></b>	<b><u>Page Number</u></b>
*28-101.4.3	A-2e

*\*Note: This update adds an Item 11 to Section 28-101.4.3 when it should have added an Item 10. Such numbering discrepancy will be reconciled through future legislation.*

<b>BUILDING CODE</b>	
<b><u>Section</u></b>	<b><u>Page Number</u></b>
1504.8	290a-b
1510.1	302a
3502	634i(1)

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 21 of 2011, effective January 1, 2012.

**GENERAL ADMINISTRATIVE PROVISIONS**

*Insert between pages A-2d and A-3 of your bound volumes of the NYC Building Code, NYC Plumbing Code, NYC Mechanical Code and NYC Fuel Gas Code.*

Add the following new item to section 28-101.4.3 to read as follows:

11. Alterations involving the recovering or replacing of an existing roof covering shall comply with section 1504.8 of the New York city building code unless the area to be recovered or replaced is less than fifty percent of the roof area and less than 500 square feet (46 m<sup>2</sup>).

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Source: Local Law 21 of 2011, effective January 1, 2012.

## BUILDING CODE

*Insert between pages 290 and 291 of your bound volume.*

Amend section 1504.8 to read as follows:

**1504.8 Reflectance.** Roof coverings on roofs or setbacks with slope equal to or less than three two units vertical in 12 units horizontal (~~25 17~~ percent) shall ~~be white in color or EnergyStar rated as highly reflective for at least 75 percent of the area of the roof or setback surface.~~ have:

1. A minimum initial solar reflectance of 0.7 in accordance with ASTM C 1549 or ASTM E 1918, and a minimum thermal emittance of 0.75 as determined in accordance with ASTM C 1371 or ASTM E 408; or
2. A minimum SRI of 78 as determined in accordance with ASTM E 1980.

### Exceptions:

1. Terraces on setbacks comprising less than 25 percent of the area of the largest floor plate in the building.
2. ~~Green roofs~~ Any portion of a roof covered by a green roof system, including such a system with agricultural plantings, in compliance with Section 1507.16 shall be permitted to comprise part or all of the 75 percent required area coverage.
3. ~~Roofs~~ Any portion of a roof used as outdoor recreation space by the occupants of the building shall be permitted to be either that is landscaped, covered by wood decking or covered with a walking surface or other protective surface, provided that such walking surface or protective surface has with an albedo of 30 percent or greater a minimum initial solar reflectance of 0.3 as determined in accordance with ASTM C 1549 or ASTM E 1918.
4. Ballasted roofs, provided that the ballast has a minimum initial solar reflectance of 0.2 as determined in accordance with ASTM C 1549 or ASTM E 1918.
5. Any portion of a roof that is under mechanical equipment, flush mounted solar panels lying directly on the roof surface, duckboarding, decking, platform, roof tank, cooling tower or any other rooftop structure or

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equipment exempted by rule by the commissioner.

6. Any roof or portion of a roof composed of glass, metal, clay or concrete tile or plastic/rubber intended to simulate clay or concrete tile, wood, or slate.
7. Any portion of a roof used by a school or daycare center as a playground for children.
8. Any roof, if the amount of rooftop space not subject to exceptions 1 through 7 is in the aggregate less than 100 square feet (9.3 m<sup>2</sup>).

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**Source:** Local Law 21 of 2011, effective January 1, 2012.

**BUILDING CODE**

*Insert between pages 302 and 303 of your bound volume.*

Amend section 1510.1 to read as follows:

**1510.1 General.** Materials and methods of application used for recovering or replacing an existing roof covering shall comply with the requirements of Chapter 15.

**Exception:** Section 1504.8 shall not apply if the area to be recovered or replaced is less than 50 percent of the roof area and less than 500 square feet (46 m<sup>2</sup>).

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Source: Local Law 21 of 2011, effective January 1, 2012.

**BUILDING CODE**

*Insert between pages 634i and 634j of your bound volume.*

Amend the list of ASTM referenced standards in section BC 3502 by adding, in numerical order, the following standards:

**ASTM**

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

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Standard reference number	Title
<u>C1371—04a (2010)e1</u>	<u>Standard Test Method for Determination of Emittance of Materials Near Room Temperature Using Portable Emissometers.....</u>
<u>C1549—(2009)</u>	<u>Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer.....</u>
<u>E 408—71 (2008)</u>	<u>Standard Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques.....</u>
<u>E1918 (2006)</u>	<u>Standard Test Method for Measuring Solar Reflectance of Horizontal and Low-Sloped Surfaces in the Field</u>
<u>E1980 (2011)</u>	<u>Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces</u>