



Legislation Text

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Int. No. 593

By Council Members Dilan, Arroyo, Cabrera, Mendez, Rose and Ulrich

A Local Law to amend the New York city building code, in relation to the requirements for concrete exposed to de-icing materials.

Be it enacted by the Council as follows:

Section 1. Table 1904.2.3 of the New York city building code is amended to read as follows:

Table 1904.2.3

REQUIREMENTS FOR CONCRETE EXPOSED TO DE-ICING CHEMICALS

| CEMENTITIOUS MATERIALS                                    | MAXIMUM PERCENT OF TOTAL CEMENTITIOUS MATERIALS BY WEIGHT <sup>a, b</sup> |
|---|---|
| Fly ash or other pozzolans conforming to ASTM C 618       | [25] 30   |
| Slag conforming to ASTM C 989                             | 50  |
| Silica fume conforming to ASTM C 1240                     | 10  |
| Total of fly ash or other pozzolans, slag and silica fume | 50 <sup>c</sup>   |
| Total of fly ash or other pozzolans and silica fume       | 35 <sup>c</sup>   |

- a. The total cementitious material also includes ASTM C 150, ASTM C 845 and ASTM C 1157 cement.
- b. The maximum percentages shall include:
  1. Fly ash or other pozzolans present in Type IP or I (PM) blended cement, ASTM C 595, or ASTM C 1157.
  2. Slag used in the manufacture of an IS or I (SM) blended cement, ASTM C 595, or ASTM C 1157.

3. Silica fume, ASTM C 1240, present in a blended cement.

c. Fly ash or other pozzolans and silica fume shall constitute no more than [25] 30 and 10 percent, respectively, of the total weight of the cementitious materials.

§ 2. This local law shall take effect one year after its enactment except that the commissioner of buildings shall take such action as are necessary for its implementation, including the promulgation of rules, prior to such effective date.

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