

CITY OF BOSTON - BUILDING DEPARTMENT

COMMISSIONER'S BULLETIN No. 1

April 24, 1946.

SUBJECT: Approval of Fire-Resistive Ratings.

Acting under authority contained in Section 116, Paragraph "L" and Section 2201 (b) of Chapter 479 of the Acts of 1938 as amended, the following fire-resistive ratings are hereby approved:

Three-hour rating:

Six inches of glazed or unglazed facing tile cored not in excess of 25 percent, 2 units in wall thickness.

Six inch construction consisting of 2 inches glazed or unglazed facing tile cored not in excess of 25 percent and 4 inches structural tile cored not in excess of 40 percent, plastered on unglazed side with  $\frac{3}{4}$  inch gypsum sand plaster (1:3 by volume).

Two-hour rating:

Four inches glazed or unglazed facing tile cored not in excess of 25 percent, plastered on unglazed side with  $\frac{3}{4}$  inch of gypsum sand plaster (1:3 by volume).

Four inches glazed or unglazed facing tile cored not in excess of 30 percent, plastered on unglazed side with  $\frac{3}{4}$  inch vermiculite plaster.

One-hour rating:

Four inches glazed or unglazed facing tile meeting requirements of ASTM Specifications for Structural Clay Load Bearing Wall Tile, C34-41, except that the shells of solid shell horizontal cell units shall be not less than  $\frac{3}{4}$  inch thick, plastered on unglazed side with  $\frac{3}{4}$  inch gypsum sand plaster (1:3 by volume.)

Justification for approval of the above ratings is included in the reports of the Ohio State University Research Foundation identified as Reports Nos. 1, 37, 38, 39, 42 and 43 on file in this office.

BUILDING COMMISSIONER.

CITY OF BOSTON - BUILDING DEPARTMENT

COMMISSIONER'S BULLETIN No. 3

August 23, 1946.

**SUBJECT:** Approval of Clapseal.

In accordance with authority contained in Section 116, Paragraph L of the Boston Building Code (Chapter 479 of the Acts of 1938 as amended), approval is hereby given to the material known as "Clapseal" and manufactured by the Paprex Company of Needham, Massachusetts, for use as a fire-resistive plaster, with the following provisos:

1. That the material be used only on ceilings as an alternate to gypsum or Portland cement plasters in the ratio of  $\frac{3}{4}$ " of Clapseal to 1" of those materials.
2. That Clapseal may be used on existing wood ceilings when applied to a thickness of  $\frac{3}{4}$ ", to provide fire protection equivalent to a one-hour rating.

This approval is made on the basis of results contained in tests on file in the Boston Building Department.

*John J. Mahoney*  
BUILDING COMMISSIONER.

JJM:S

CITY OF BOSTON - BUILDING DEPARTMENT

COMMISSIONER'S BULLETIN No. 4

September 5, 1946.

SUBJECT: Approval of Channelcrete Roof Slabs.

The use of Channelcrete Roof Slabs, as manufactured by the Cambridge Cement Stone Company of Allston, Massachusetts, is hereby approved for construction coming under the jurisdiction of the Building Commissioner of the City of Boston, with the following provisos:

1. That the span be limited to 6'0".
2. That the steel reinforcing be 1/2" round deformed rods.
3. That the slabs be manufactured in accordance with specifications for specimen No. C923-C, as stated in the report of August 12, 1946 filed in the office of the Building Commissioner of the City of Boston.
4. That the roof loadings will be in accordance with the requirements of the Building Code of the City of Boston.

The above approval is made under authority contained in Section 116, Paragraph "L" of Chapter 479 of the Acts of 1938 as amended.

*John J. Mahoney*  
BUILDING COMMISSIONER

JJM:S

CITY OF BOSTON - BUILDING DEPARTMENT

COMMISSIONER'S BULLETIN NO. 5

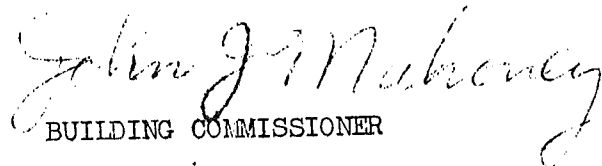
September 5, 1946.

SUBJECT: Concrete Units manufactured by  
the Newton Brick & Cement Company.

Approval for the use of Concrete Units  
(as manufactured by the Newton Brick & Cement Company of  
Newton, Massachusetts) in the City of Boston is hereby  
given, subject to the following provisos:

That the Units conform in all  
respects to those used in the  
test reported to this office  
on August 24, 1946.

The above approval is made under authority  
contained in Section 116, Paragraph "L" of Chapter 479  
of the Acts of 1938 as amended.

  
BUILDING COMMISSIONER

JJM:S

• CITY OF BOSTON - BUILDING DEPARTMENT

COMMISSIONER'S BULLETIN No. 6

October 15, 1946

SUBJECT: Concrete Units manufactured by  
the Concrete Products Company.

Approval for the use of Concrete Units  
(as manufactured by the Concrete Products Company of  
Brighton, Massachusetts) in the City of Boston is here-  
by given, subject to the following provisos:

That the Units conform in all  
respects to those used in the  
test reported to this office  
on September 24, 1946.

The above approval is made under authority con-  
tained in Section 116, Paragraph "L" of Chapter 479 of the  
Acts of 1938 as amended.

*John W. White*  
BUILDING COMMISSIONER

JJM:S

CITY OF BOSTON - BUILDING DEPARTMENT

COMMISSIONER'S BULLETIN NO. 7

October 16, 1946

SUBJECT: Approval of Concrete Plank.

The use of Concrete Plank, as manufactured by the Eastern Concrete Products Co. of Boston, Massachusetts, is hereby approved for construction coming under the jurisdiction of the Building Commissioner of the City of Boston, with the following provisos:

1. That the span be limited to six feet.
2. That the steel reinforcing be as shown on plan submitted and on file in the office of the Building Commissioner.
3. That the slabs be manufactured in accordance with specifications submitted to the Building Commissioner on June 10, 1946.
4. That the loadings will be in accordance with the requirements of the Building Code of the City of Boston.

The above approval is made under authority contained in Section 116, Paragraph "L", Chapter 479 of the Acts of 1938 as amended.

  
BUILDING COMMISSIONER

JJM:S

CITY OF BOSTON - BUILDING DEPARTMENT

COMMISSIONER'S BULLETIN No. 9

November 7, 1947

SUBJECT: Concrete Building Units manufactured  
by the Concrete Masonry Units Company

Approval for the use of Concrete Building Units  
(as manufactured by the Concrete Masonry Units Company of  
Allston, Massachusetts) in the City of Boston is hereby  
given, subject to the following proviso:

That the Units conform in all  
respects to those used in the  
test reported to this office on  
September 11, 1947.

The above approval is made under authority con-  
tained in Section 116, Paragraph "L" of Chapter 479 of the  
Acts of 1938 as amended.

John J. Mahoney

BUILDING COMMISSIONER

JJM:S

CITY OF BOSTON - BUILDING DEPARTMENT

COMMISSIONER'S BULLETIN No. 10

November 7, 1947

SUBJECT: Cinder Concrete Building Units manufactured  
by the Concrete Masonry Units Company

Approval for the use of Cinder Concrete Building  
Units (as manufactured by the Concrete Masonry Units Company  
of Allston, Massachusetts) in the City of Boston is hereby  
given, subject to the following proviso:

That the Units conform in all  
respects to those used in the  
test reported to this office on  
October 15, 1947.

The above approval is made under authority con-  
tained in Section 116, Paragraph "L" of Chapter 479 of the  
Acts of 1938 as amended.

*John J. Mahoney*  
BUILDING COMMISSIONER

TJM:S



CITY OF BOSTON -- BUILDING DEPARTMENT

COMMISSIONER'S BULLETIN No. 14

May 26, 1948

SUBJECT: Approval of Fenestra  
Type "D" Building Panels.

Approval for the use of Fenestra Type "D" Building Panels, as manufactured by the Detroit Steel Products Company of Detroit, Michigan, in the City of Boston, is hereby granted, with the following provisos:

1. That the Building Panel shall comply with the requirements of Section 28 of the Boston Building Code.
2. That all panels be welded to supporting members by certified welders approved under the requirements of the Boston Building Department.
3. That openings larger than thirty square inches be reinforced with compensating steel.
4. That all installations be engineered and approved by the Detroit Steel Products Company.
5. That all installations conform with specifications on file in the Office of the Building Commissioner.

The above approval is made under authority contained in Section 116, Paragraph "I" of Chapter 479 of the Acts of 1938 as amended.

/s/ JOHN J. MAHONEY  
Building Commissioner

CITY OF BOSTON - BUILDING DEPARTMENT

June 4, 1948

COMMISSIONER'S BULLETIN No. 15

SUBJECT: Approval of the use of  
Met-Cro Steel Cross Bridging.

Approval is hereby granted for the use of Met-Cro  
Steel Cross Bridging in the City of Boston, subject to the  
following proviso:

That the Bridging be installed in  
accordance with Section 2506 (e) of  
the Boston Building Code.

This approval is granted under authority contained in  
Section 116, Paragraph "L", Chapter 479 of the Acts of 1938 as  
amended and is based on reports of tests filed in the Office  
of the Building Commissioner.

/s/ JOHN J. MAHONEY  
Building Commissioner

CITY OF BOSTON - BUILDING DEPARTMENT

December 30, 1948

COMMISSIONER'S BULLETIN No. 16

SUBJECT: Approval of the use of  
Cantilite Concrete Plank

Approval is hereby granted for the use of Cantilite Concrete Plank (as manufactured by the Concrete Plank Company, Inc., Jersey City, New Jersey) in the City of Boston, subject to the regulations of the Building Code of the City of Boston and the following limitations:

(a) That the 2" Concrete Plank used for floors be limited to a 3'-0" maximum span and a maximum live load of 75 lbs.

(b) That the 2" Concrete Plank used for roofs be limited to a 6'-0" maximum span.

(c) That the 2-3/4" Concrete Plank used for floors be limited to a 5'-0" maximum span and a maximum live load of 75 pounds.

(d) That the 2-3/4" Concrete Plank used for roofs be limited to a maximum span of 7'-0".

(e) That the Concrete Plank shall not be used for floors of garages, dance halls, grandstands, gymnasias, armories or floors used for any other purpose where subject to extreme vibration, impact or heavy moving load concentrations.

(f) That the Concrete Plank conform in all respects to the specifications submitted and on file in the Office of the Building Commissioner of the City of Boston.

(g) That the 2" Concrete Plank used for roofs be limited to a 6'-0" maximum span and a maximum live load of 75 lbs.

jjm:ms

(h) That the 2-3/4" Concrete Plank used for floors be limited to a 5'-0" maximum span and a maximum live load of 75 lbs.

*John J. Mahoney*  
BUILDING COMMISSIONER

CITY OF BOSTON \* BUILDING DEPARTMENT

May 20, 1949

COMMISSIONER'S BULLETIN NO. 17

SUBJECT: Approval of the use of  
LELITE lightweight aggregate.

1. Approval is hereby granted for the use of LELITE lightweight aggregate as an all-purpose concrete aggregate in the City of Boston, subject to the following provisos:

- (a) That LELITE lightweight aggregate be manufactured in accordance with specifications and tests on file in the Building Department of the City of Boston.
- (b) That LELITE lightweight aggregate shall not be used for concrete work which is exposed to the action of the weather or other elements on the exterior surfaces of a building or structure.

This approval is granted under authority contained in Section 116, Paragraph "L", Chapter 479 of the Acts of 1938 as amended and is based on reports of tests filed in the Office of the Building Commissioner.

/s/ JOHN J. MAHONEY  
Building Commissioner

JJM/bf

BUILDING DEPARTMENT  
CITY OF BOSTON.

COMMISSIONER'S BULLETIN No. 18

AUGUST 25, 1949

SUBJECT: LARSON PRE-FORMED WATERPROOFING UNITS

APPROVAL FOR USE IN THE CITY OF BOSTON OF LARSON  
PRE-FORMED WATERPROOFING UNITS, AS MANUFACTURED BY THE BRISK  
WATERPROOFING COMPANY, INC. OF NEW YORK CITY, NEW YORK, IS  
HEREBY GRANTED, SUBJECT TO THE FOLLOWING PROVISOS:

- (A) THAT ALL INSTALLATIONS BE MADE BY THE APPLICANT.
- (B) THAT ALL WORK BE PERFORMED IN ACCORDANCE WITH THE  
APPLICABLE SECTIONS OF THE BOSTON BUILDING CODE.
- (C) THAT NO WORK SHALL BE DONE WHEN THE TEMPERATURE IS  
BELOW 33° FARENHEIT, AND SUCH WORK AS IS COMPLETED  
SHALL BE PROTECTED FROM FROST ACTION.
- (D) THAT THE INSTALLATIONS BE LIMITED TO CURTAIN WALL  
MASONRY ONLY.

THIS APPROVAL IS GRANTED UNDER AUTHORITY CONTAINED IN  
SECTION 116, PARAGRAPH "L" OF THE BOSTON BUILDING CODE.

SGD) JOHN J. MAHONEY  
BUILDING COMMISSIONER

BUILDING DEPARTMENT  
CITY OF BOSTON.

COMMISSIONER'S BULLETIN No. 21

AUGUST 25 1949

SUBJECT: KAYLO INSULATING ROOF TILE

APPROVAL FOR USE IN THE CITY OF BOSTON OF KAYLO  
INSULATING ROOF TILE, AS MANUFACTURED BY THE AMERICAN STRUCTURAL  
PRODUCTS COMPANY, TOLEDO, OHIO, IS HEREBY GRANTED, SUBJECT TO THE  
FOLLOWING PROVISIONS:

- (A) THAT THE MATERIAL BE MANUFACTURED IN ACCORDANCE WITH SPECIFICATIONS ON FILE IN THE OFFICE OF THE BUILDING DEPARTMENT, CITY OF BOSTON.
- (B) THAT THE SPAN BE LIMITED TO THREE FEET, NO INCHES (3'0")
- (C) THAT EACH TILE HAVE A MINIMUM END BEARING OF ONE-HALF INCH (1/2")
- (D) THAT ALL TILES BE TIGHTLY BUTTED TOGETHER AT THE SIDES AND SECURELY ANCHORED TO THE SUB-PURLINS.
- (E) ALL END JOINTS TO BE GROUTED WITH A GROUT COMPOSED AS STATED IN THE SPECIFICATIONS.
- (F) THAT THE MAXIMUM TOTAL LOAD BE LIMITED TO SIXTY (60#) PER SQUARE FOOT.

THIS APPROVAL IS GRANTED UNDER AUTHORITY CONTAINED IN  
SECTION 116, PARAGRAPH "L" OF THE BOSTON BUILDING CODE.

sgd)

JOHN J. MAHONEY  
BUILDING COMMISSIONER

B U I L D I N G D E P A R T M E N T  
C I T Y O F B O S T O N.

COMMISSIONER'S BULLETIN No. 21

AUGUST 25 1949

SUBJECT: KAYLO INSULATING ROOF TILE

APPROVAL FOR USE IN THE CITY OF BOSTON OF KAYLO  
INSULATING ROOF TILE, AS MANUFACTURED BY THE AMERICAN STRUCTURAL  
PRODUCTS COMPANY, TOLEDO, OHIO, IS HEREBY GRANTED, SUBJECT TO THE  
FOLLOWING PROVISIONS:

- (A) THAT THE MATERIAL BE MANUFACTURED IN ACCORDANCE WITH SPECIFICATIONS ON FILE IN THE OFFICE OF THE BUILDING DEPARTMENT, CITY OF BOSTON.
- (B) THAT THE SPAN BE LIMITED TO THREE FEET, NO INCHES (3'0")
- (C) THAT EACH TILE HAVE A MINIMUM END BEARING OF ONE-HALF INCH (1/2")
- (D) THAT ALL TILES BE TIGHTLY BUTTED TOGETHER AT THE SIDES AND SECURELY ANCHORED TO THE SUB-PURLINS.
- (E) ALL END JOINTS TO BE GROUTED WITH A GROUT COMPOSED AS STATED IN THE SPECIFICATIONS.
- (F) THAT THE MAXIMUM TOTAL LOAD BE LIMITED TO SIXTY (60#) PER SQUARE FOOT.

THIS APPROVAL IS GRANTED UNDER AUTHORITY CONTAINED IN SECTION 116, PARAGRAPH "L" OF THE BOSTON BUILDING CODE.

SGD) JOHN J. MAHONEY  
BUILDING COMMISSIONER

BUILDING DEPARTMENT  
CITY OF BOSTON

COMMISSIONER'S BULLETIN No. 22

DECEMBER 19, 1949

SUBJECT: 2" SOLID ROCKLATH AND PLASTER PARTITION.

APPROVAL IS HEREBY GRANTED FOR THE USE OF U.S. GYPSUM 2" SOLID ROCKLATH AND PLASTER PARTITION AS A ONE-HOUR FIRE RESISTIVE, NON-BEARING PARTITION, SUBJECT TO THE FOLLOWING PROVISOS:

- (1) THAT THE HEIGHT SHALL NOT EXCEED 10'0"
- (2) THAT THE ROCKLATH BE NOT LESS THAN 3/8" THICK.
- (3) THAT THE PLASTER CONSIST OF A SCRATCH COAT NOT LESS THAN 1/4" TO 5/16" THICK; THE BROWN COAT NOT LESS THAN 5/16" THICK AND THE FINISH COAT 1/16" THICK, APPLIED ON BOTH SIDES OF THE ROCK-LATH. THE PLASTER TO BE U.S. GYPSUM "RED TOP" GYPSUM PLASTER AND SAND IN PROPORTION OF 1:1 BY WEIGHT FOR SCRATCH COAT AND 1:2 BY WEIGHT FOR THE BROWN COAT.
- (4) THAT THE PARTITION BE SET IN METAL FLOOR RUNNERS AND CEILING CLIPS, DESIGNED AS SHOWN IN REPORT OF TESTS.
- (5) THAT ALL CORNERS AND RETURNS BE PROTECTED WITH CORNER BEAD OR CORNERITE AS DESCRIBED IN REPORT OF TESTS.

THIS APPROVAL IS GRANTED UNDER AUTHORITY CONTAINED IN SECTION 116, PARAGRAPH "L" OF THE BOSTON BUILDING CODE.

JOHN J. MAHONEY  
BUILDING COMMISSIONER