



PENNSYLVANIA HOUSING RESEARCH CENTER

# 2015 UCC Residential Code Update

The Pennsylvania regulations related to Residential Construction codes changed effective January 1, 2016.

The sections of the 2015 IRC that PA adopted as part of the UCC were published in the PA Bulletin, Doc. No 15-2101 on November 28, 2015. The regulations can be found online at <http://www.pabulletin.com/secure/data/vol45/45-48/2101.html>.

## **Title 34 PA. CODE Chapter 403.21 (7)(iii) subsections (A)-(BB)**

- (A) Section N1101.6 only to the extent that this section contains the definition of "insulated siding."
- (B) Section N1102.2.4 (relating to access hatches and doors).
- (C) Section N1102.2.8 (relating to floors).
- (D) Table N1102.4.1.1 only to the extent that amendments were made to the "Floors" row of this table.
- (E) Section N1102.1.3 (relating to r-value computation).
- (F) Table R302.1(1) (relating to requirements for exterior walls).
- (G) Section R316.5.11 (relating to sill plates and headers).
- (H) Section R317.1.4 (relating to wood columns).
- (I) Section R507.1 (relating to decks).
- (J) Section R507.2.4 (relating to deck lateral load connection).
- (K) Section R507.4 (relating to decking).
- (L) Section R507.5 (relating to deck joists).
- (M) Section R507.5.1 (relating to lateral restraint at supports).
- (N) Section R507.6 (relating to deck beams).
- (O) Section R507.7 (relating to deck joist and deck beam bearing).
- (P) Section R507.7.1 (relating to deck post to deck beam).
- (Q) Section R507.8 (relating to deck posts).
- (R) Section R507.8.1 (relating to deck post to deck footing).
- (S) Table R507.4 (relating to maximum joist spacing).
- (T) Table R507.5 (relating to deck joist spans for common lumber species).
- (U) Table R507.8 (relating to deck post height).
- (V) Figure R507.2.3(2) (relating to deck attachment for lateral loads).
- (W) Figure R507.5 (relating to typical deck joist spans).
- (X) Figure R507.6 (relating to deck beam span lengths).
- (Y) Figure R507.7.1 (relating to deck beam to deck post).
- (Z) Figure R507.8.1 (relating to typical deck posts to deck footings).
- (AA) Section M1503.4 (relating to "make-up air required" for range hoods).

- (BB) Section M1601.4.1 (relating to "joints, seams, and connections" for duct construction) is adopted only with regards to Exception No. 3.

**Title 34 PA. CODE Chapter 403.21 (9) subsections (i)-(v)**

- (i) Section R202 only to the extent that this section contains the definition of "insulated siding."
- (ii) Section R402.2.4 (relating to access hatches and doors).
- (iii) Section R402.2.8 (relating to floors).
- (iv) Table R402.4.1.1 only to the extent the row for "floors" was amended.
- (v) Section 402.1.3 (relating to r-value computation).

The first sections to be discussed in this presentation are from Pennsylvania Code Title 34, Chapter 403.21 (7)(iii) subsections (F)-(BB) and reference a section, table, or figure in the 2015 IRC. These changes have been reordered for the presentation and space is provided for note taking.

(F) **Table R302.1(1)** (relating to requirements for exterior walls). *Updated data in existing table*

(H) **Section R317.1.4** (relating to wood columns). *New exception*

(I) **Section R507.1** (relating to decks). *New text*

(K) **Section R507.4** (relating to decking). *New section, refers to new table*

(S) **Table R507.4** (relating to maximum joist spacing). *New table*

Section **R507.3** (relating to maximum joist spacing for plastic composite components).  
*Adopted by reference in Table 507.4, only requirements related to maximum on-center joist spacing for plastic composite decking.*

(L) **Section R507.5** (relating to deck joists). *New section, refers to new figure & new table*

(W) **Figure R507.5** (relating to typical deck joist spans). *New figure*

(T) **Table R507.5** (relating to deck joist spans for common lumber species). *New table*

(M) **Section R507.5.1** (relating to lateral restraint at supports). ***New section***

(N) **Section R507.6** (relating to deck beams). ***New section, refers to new figure & new table***

(X) **Figure R507.6** (relating to deck beam span lengths). ***New figure***

**Table R507.6** (relating to deck beam spans for common lumber species). ***New table, adopted through reference by Section R507.6***

(O) **Section R507.7** (relating to deck joist and deck beam bearing). ***New section***

(P) **Section R507.7.1** (relating to deck post to deck beam). ***New section, refers to new figure***

(Y) **Figure R507.7.1** (relating to deck beam to deck post). ***New figure***

(Q) **Section R507.8** (relating to deck posts). ***New section, refers to new table***

(U) **Table R507.8** (relating to deck post height). ***New table***

(R) **Section R507.8.1** (relating to deck post to deck footing). ***New section, refers to new figure***

(Z) **Figure R507.8.1** (relating to typical deck posts to deck footings). ***New figure***

(J) **Section R507.2.4** (relating to deck lateral load connection). *Updated text refers to new figure*

(V) **Figure R507.2.3(2)** (relating to deck attachment for lateral loads). *New figure*

**Figure R507.2.3(1)** (relating to deck attachment for lateral loads). *Figure adopted though reference by Section R507.2.4*

(AA) **Section M1503.4** (relating to "make-up air required" for range hoods). *Added text*

(BB) **Section M1601.4.1** (relating to "joints, seams, and connections" for duct construction) is adopted only with regards to Exception No. 3. *New exception*

(G) **Section R316.5.11** (relating to sill plates and headers). *Added text*

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Energy-related codes are listed in both the 2015 IRC and the 2015 IECC. There are two ICC code references and, therefore, two UCC code references for each change. There were five energy-related updates to the UCC. In each update listed below, the first reference is from the 2015 IRC and became part of the UCC through PA Code Title 34, Chapter 403.21 (7)(iii) subsections (A)-(E). The second reference listed is from the 2015 IECC and became part of the UCC through PA Code, Title 34, Chapter 403.21 (9) subsections (i)-(v).

(A) **Section N1101.6** only to the extent that this section contains the definition of "insulated siding."

*Added definition*

(i) **Section R202** only to the extent that this section contains the definition of "insulated siding."

(E) **Section N1102.1.3** (relating to r-value computation).

*Added text*

(v) **Section 402.1.3** (relating to r-value computation).

**Table N1102.1.2 (R402.1.2)**

Mass Wall R-Value column of table with regards to insulated siding

*Single column of  
table by reference*

(B) **Section N1102.2.4** (relating to access hatches and doors).

*New exception*

(ii) **Section R402.2.4** (relating to access hatches and doors).

**Table N1102.1.2 (R402.1.2)**

Fenestration U-Factor column of table with regards to fenestration requirements for vertical access hatches and doors.

*Single column of  
table by  
reference*

(C) **Section N1102.2.8** (relating to floors).

*Added exception &*

(iii) **Section R402.2.8** (relating to floors).

*refers to updated table*

(D) **Table N1102.4.1.1** only to the extent that amendments were made to the "Floors" row of this table.

*New text in table  
related to floors*

(iv) **Table R402.4.1.1** only to the extent the row for "floors" was amended.