



BUILDINGS BULLETIN 2015-001

OTCR

Supersedes: None

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Purpose: This document establishes acceptance criteria for sandwich panels used for the construction of exterior walls as an alternative material in the NYC Construction Codes.

Related Code/Zoning Section(s):	BC 28-113.2.2	BC 1404.1
	BC 28-113.2.3	BC 1405.1
	BC 1704.10	

Subject(s): Exterior walls, sandwich panels; Exterior walls, non-loading bearing, sandwich wall panels

Background: Section BC 1404 prescribes the use of materials for the construction of exterior walls. However such section does not prescribe the use of sandwich panels for the construction of exterior walls (sandwich wall panels). This bulletin establishes criteria for the acceptance of sandwich wall panels used on the exterior.

Description: Sandwich wall panels are as described in Section 2.0 of ICC ES AC 04 *“Acceptance Criteria for Sandwich Panels”*.¹

Evaluation Scope: NYC Construction Codes

Evaluation Criteria: Pursuant to section AC 28-113, the Office of Technical Certification and Research (OTCR) recognizes sandwich wall panels tested and evaluated in accordance with ICC ES AC 04 *“Acceptance Criteria for Sandwich Panels”*.

Acceptable sandwich wall panels shall have an evaluation or code compliance report issued in accordance with ICC ES AC 04 and must comply with the conditions of this bulletin. The agency providing the evaluation or code compliance report shall be accredited to ISO 17065.

Uses: Sandwich wall panels are used as a non-load bearing exterior wall panel for combustible and noncombustible construction.

Conditions of Acceptance: Sandwich wall panels shall comply with NYC Construction Codes and the following applicable provisions:

A. Design

Exterior sandwich wall panels shall be designed in accordance with the NYC Construction Codes, manufacturer's installation instructions and conditions of the evaluation or code compliance report issued for the installed product subject to the compliance of fire separation requirement of Chapter 7 of the NYC Construction Codes, as applicable.

B. Installation Requirements

1. Installation requirements shall be in accordance with the manufacturer's instructions, the evaluation or code compliance report issued for the installed product, and the conditions of this bulletin.

C. Inspections

1. Pursuant to section BC 1704.10, the installation of exterior sandwich wall panels shall be subject to special inspection requirements of Chapter 17 of the Building Code and Department Rules covering special inspection.

D. Labeling

1. Exterior sandwich wall panels shall be labeled as per section BC 28-113.2.3. All shipments and deliveries of materials shall be accompanied by a certificate or label certifying that the materials shipped or delivered are equivalent to those tested and approved.

Referenced Standards:

1. AC 04 – *“Acceptance Criteria for Sandwich Panels”*.