

TECHNICAL BULLETIN

Control #1011 (Rev 01)

TITLE: Building Code Provisions for Omega CI® with Fire-Treated Plywood
EFFECTIVE: August 12, 2019

The purpose of this Technical Bulletin is to provide an understanding of International Building Code (IBC) provisions for the application of Laminators Inc. Metal Composite Material (MCM) Systems with Omega CI® (OCI) Rigid Insulation Panels.

The fire-treated plywood layer of OCI is an integrated part of Laminators Inc. MCM Systems, which have been tested per NFPA 285 as part of exterior wall assemblies containing combustible components. While IBC Section 1406 applies to combustible materials on the exterior side of exterior walls, IBC Section 1407 is specific to MCM Systems and so governs. Since OCI is part of Laminators Inc. MCM Systems, testing per NFPA 285 also satisfies IBC Section 2603 provision for foam plastic insulation.

IBC Chapter 2 defines an MCM System as an Exterior Wall Covering, which is “a material or assembly of materials applied on the exterior side of exterior walls for the purpose of providing a weather-resisting barrier, insulation or for aesthetics...”

For this reason, OCI is an integrated part of Laminators Inc. MCM Systems and subject to the more stringent testing requirements. Laminators Inc. MCM Systems with OCI (inclusive of the fire-treated plywood layer) have been tested and meet the Conditions of Acceptance of NFPA 285.

Therefore, Laminators Inc. MCM Systems with OCI may be used on exterior walls of buildings of any height for all types of construction, including those requiring fire-resistance ratings.

To consult directly with one of our Professional Engineers regarding our MCM Systems with OCI, contact Laminators Technical Support between the hours of 8:00am – 5:00pm EST:

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