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Withdrawal of CSSBI Technical Bulletin V7N1-07 *Maximum Height Tables for Interior Non-Loadbearing Partitions*

CSSBI Technical Bulletin, Volume 7, Number 1, *Maximum Height Tables for Interior Non-Loadbearing Partitions*, February 2007 has been withdrawn. The composite limiting height tables in this bulletin were determined based on old test data that has since been updated. In the absence of specific data from the steel stud manufacturer, the composite limiting height tables from ASTM C754-15 *Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products* should be used.

For the limiting heights listed in ASTM C754 to apply, the studs must meet the dimensions listed in ASTM C645. These dimensions include web depth (1-5/8" to 6"), flange width (1-1/4" minimum), lip length (3/16" minimum) and base steel thickness (0.0179" minimum). There are also limitations on the punchout size and spacing. ASTM C645 specifies the minimum base steel thickness of 0.0179", which excludes the metallic coating. To verify the stud thickness in the field it is necessary to allow for the extra thickness of the coating. For example, a G40 galvanized coating has a minimum thickness of 0.0007". Therefore, the minimum coated thickness of an 18 mil stud measured in the field would be 0.0186".

Manufacturers of proprietary stud products that have a base steel thickness less than 0.0179" can still comply with ASTM C645 if independent third-party testing has demonstrated their product conforms to the limiting heights in C754.

Manufacturers of proprietary stud products that have a base steel thickness less than 0.0179" can publish their own limiting height tables based on independent third-party testing. However, the manufacturer cannot claim the products meet the requirements of C645 if the limiting heights do not meet or exceed those in C754.

Steel studs used as part of a fire rated assembly must also conform to the minimum properties (i.e. size and thickness) specified in the applicable ULC or UL listing.

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