

related test method	EN 1363-1
subject	position of free edge
reference of original query	raised in TC2 discussions April 2008, N472

Problem

If one is testing sandwich panels oriented horizontally, possible with a horizontal free edge at the top of the specimen, then under the "100mm away from the free edge" rule, you can not attach any thermocouples to the top edger of the specimen. This is obviously not desirable.

Recommendation

All thermocouples that would normally be position at the top edge shall be move 100 mm down.

It should be noted that the test do not evaluate the top connection.

To cover the top solution a second test is needed with the free edge in the bottom.

It should be noted that the direct application rule regarding extension in width and height is not suited for these types of elements. (CEN 127 is working with a suggestion on rules on sandwich panels.)

