

related test method	EN 1364-1: 1999 Fire resistance for non-loadbearing elements – Part 1: Walls
subject	Amendment to §13 'Field of direct application' with respect to permitted direct application to types of joints tested
reference of original query	TC2 N276rev3 Helpdesk 2001-06

Problem

EN 1364-1, § 13.1 i) states "The results of the fire test are directly applicable to similar constructions where one or more of the changes listed below are made, including
"Horizontal and/or vertical joints, of the type tested"

What kind of permitted change to the tested construction does this statement indicate? It does not define whether there may be type change, decrease, or increase in the number of vertical or horizontal joints or if it is allowed or not to exchange horizontal joints for vertical joints.

The problem is further complicated by the text in §13.1g) which relates to the number of joints in the tested construction.

Recommendation

Laboratories when non-loadbearing walls according to EN 1364-1: 1999 shall use the following revised text when considering §13.1 Field of direct application.

- 13.1 g) "Increase in the number of horizontal joints, of the type tested, when tested with one joint not more than 500mm from the top edge"
- 13.1 i) "Increase in the number of vertical joints, of the type tested, when tested with one joint not more than 500mm from the fixed edge"

