

related test method	EN 1634-1:2008
subject	Omitting failed glass element
reference of original query	TC2, N612rev1

Problem

A timber door including a small glass panel has been tested. The door has succeeded but only one thermocouple on the glass panel has failed. The area of the glass panel was smaller than 25% of the door leaf area. So the glass panel may be omitted according to the EXAP standard prEN 15269-3.

Question:

Could the door without the (failed) glass panel be classified according to EN 13501-2?

Recommendation

The door without the small glass panel could be classified according to EN 13501-2 provided that the glass panel may be omitted according to the DIAP rules (< 15% of door leaf area) or to the EXAP rules (< 25% of door leaf area).

Additional justification

EXAP standard prEN 15269-3:2008:

“4.4.3 Where it has been possible to identify specific parameter failures, the extended application for all other construction parameter variations can be based on the performance achieved after isolating the premature failure(s).”

This paragraph permits evaluation of the performance of a test element after isolating a premature failure. As a consequence it should be possible to establish an EXAP report giving the table of test results for the door without glazing. A classification report can be made on the basis of this EXAP report.

