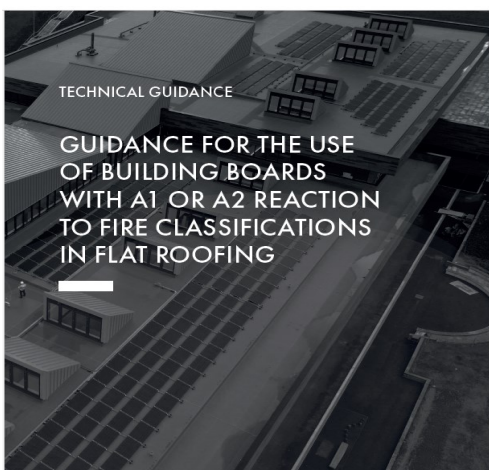


Contractor UPDATE

June 2024
No: 202410



A1 and A2 rated building board guidance

Bauder are seeing more and more instances where building boards with A1 or A2 reaction to fire classifications are being used for roofing applications, particularly for upstands.

Why are we sending this update?

The reason for this update is we are increasingly finding situations on site where a building board is being used for upstands and sometimes decks without 3rd party approval for the product being suitable for use in flat roof situations. There are many types of A1/A2 rated boards and they do not all have the same properties, the correct naming and checking of what is actually being proposed is essential.

Who takes responsibility for specifying these boards?

By changing a material specification to include alternative components, the authorising party assumes design liability for the construction. There is a duty of care on the part of the designer to ensure that any alternative components are fit for purpose; compatible with other components; and approved for use by all manufacturers and suppliers who would issue a warranty for the flat roofing system and/or its components, which otherwise may become invalid.

What issues can occur using the wrong type of product?

The below issues are a few we have come across to date, but is not exhaustive:

- Mechanically fixing insulation—getting a good fixing can be a problem.
- Fixing the top leading edge of the capping sheet—again, getting a good fixing can be an issue.
- Fixings corroding due to the wrong type of fixings being used.
- Boards left exposed and absorbing moisture which can lead to de-bonding of the membrane.
- Boards not suitable unless fully supported.

Which is the most suitable board type to use?

Cement-Bonded Particle Board appears to be the most suitable for flat roofs. We have attached a document to this update, which was put together in a cross-industry approach by SPRA/LRWA/NFRC and should be used to give guidance as to which boards are suitable and which ones are not:

GUIDANCE FOR THE USE OF BUILDING BOARDS WITH A1 OR A2 REACTION TO FIRE CLASSIFICATIONS IN FLAT ROOFING

If you have any questions, please do not hesitate to contact me.

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