



Technical Guidance

Sealing around ends of engineered I-joists

Question

Where timber engineered I-joists are built into a wall, can foam be used to seal the gap between the sides of the joists and the masonry?

Considerations

- Joists should be fully built into the wall to avoid leaving gaps, which would affect the air tightness of the building and reduce thermal insulation and the fire resistance of the wall.
- The material used to fill the gap should not protrude into the cavity.
- The material used to fill the gap should be non-combustible.

Answer

Expanding foam fill should not be used for filling the gap between the joists and masonry.