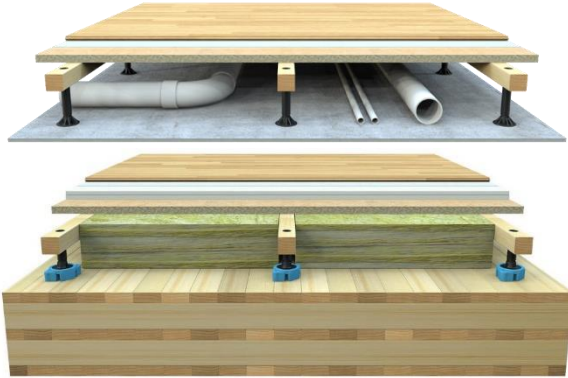


THE SUBFLOOR SYSTEM: Fire Safety



SubFloor is treated the same as the base/floor covering, in that it is not fire-resistant but should be within the fire boundary and so has not been an issue with fire safety.

STANDARD OPERATING PROCEDURES

SubFloor is not a supporting element of a structure and should always be built within a fire cell/boundary.

The picture below shows what a fire cell division can look like.

If needed to stop fire and smoke travelling through cavities the correct seals should be used to meet regulations and cavity barriers should be used between boundaries.

FIRE INFORMATION

Information taken from Approved Document B: Fire Safety used in UK Building Regulations.

There is no such thing as a fire proof building. The severity of the fire however, is contingent on the ability of the construction to:

1. Confine the fire.
2. Limit its effects on the supporting structure.
3. Control the spread of smoke and gases.

During a fire, the air layer close to the floor remains relatively cold in comparison with the hot air rising to the ceiling.

REI 30 & 60 represents that the whole system will not collapse within 30 & 60 minutes respectively.

