

# Residential smoke alarms

## To comply with NZBC F7

Smoke alarms are to be installed in the dwelling as noted below.

1. In multi-storey units, there shall be at least one smoke alarm on each level within the household unit.
2. On levels containing sleeping spaces, the smoke alarms shall be located either:
  - a) in every sleeping space
  - b) within three metres of every sleeping space door. In this case, the smoke alarms must be audible to sleeping occupants on the other side of the closed doors.
3. In all cases, so that the sound pressure level complies with that specified in NZS 4514.

F7/AS1 Comment: Smoke alarms also need to be located so that an alarm is given before the escape route from any bedroom becomes blocked by smoke. This includes those parts of escape routes on other floors. Although not required by this Acceptable Solution, the interconnection of individual smoke alarms should be considered if audibility is a problem.

Smoke alarms must have a test facility plus a hush facility having a minimum duration of 60 seconds. Smoke alarms to comply with AS 3786, ISO 12239 or BS EN 14604.

Signed by Owner or on behalf of the Owner

Date

Consult your smoke alarm installation instructions or follow the guidance diagrams below on where smoke alarms should be located.

