

Technical Update 23

TN 67 Safety and fragility of glazed roofing: testing and assessment



TN 67 limits the size and quantity of glass fragments that fall from roof glazing during testing. The wording is as follows:

'Any glass fragments falling from the assembly during the test should be limited to a maximum dimension of 50mm and a maximum combined mass of 50g.'

This requirement is to limit the risk of injury from falling glass to people below the glazing. When the glass fragments fall over a protracted period, the total mass of falling fragments may be increased as people will move away from the affected area.

The requirement is therefore amended as follows:

'Any glass fragments falling from the assembly during the test should be limited to a maximum dimension of 50mm.

The maximum combined mass of falling particles during the impact tests should be limited to 50g. A period of 5 minutes shall be allowed after the last impact prior to determining the mass of falling fragments.

Where the glass remains unbroken after the impact tests and is broken manually, the mass of falling fragments falling during this process shall be recorded and limited to 50g.

The mass of glass fragments falling during the static load tests shall be determined separately and is also limited to 50g.'