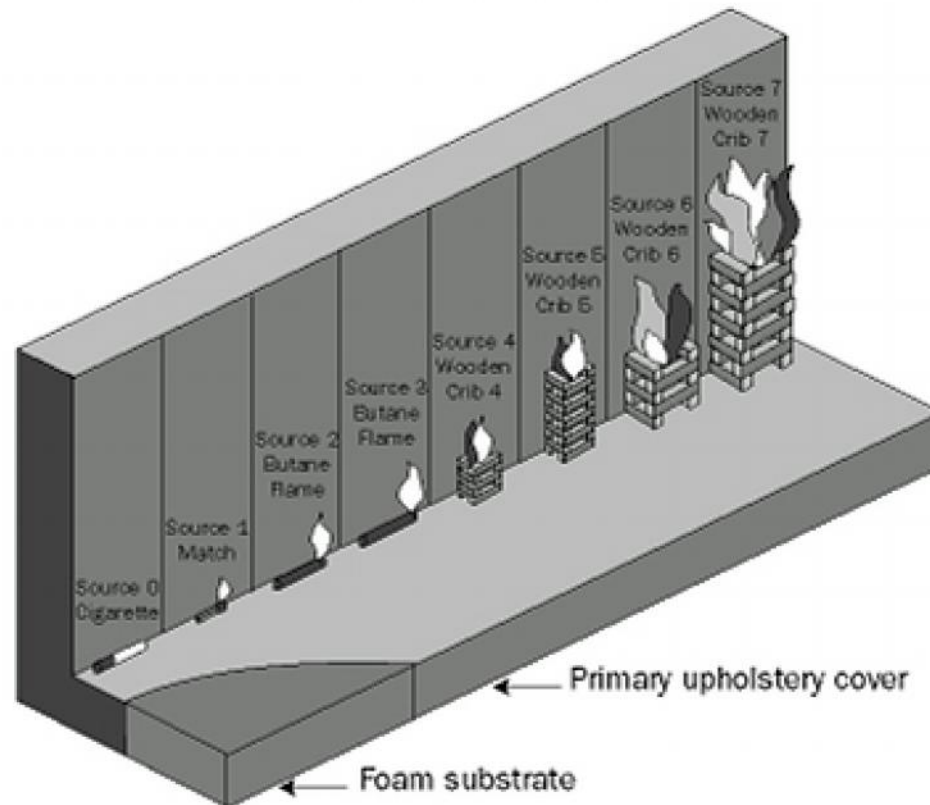


United Kingdom

BS 5852 : 1990

This defines the actual test method whereby a specially constructed test rig is designed to form a simulated chair, as described in EN 1021. The foam used is not specified.



Of the eight ignition sources, the most frequently used are Ignition Source 0 (cigarette), Ignition Source 1 (butane flame/simulated match) and Ignition Source 5 (Crib 5). Moving up the ignition source scale, the heat intensity roughly doubles as compared to that of its predecessor.

The requirements for the cigarette and match tests are the same as those detailed under EN 1021, although the match application time was previously 20 seconds before the European Norm was introduced.

The Ignition Source 5 test is more rigorous due to the increased intensity of heat which is generated from the wooden crib structure. Alcohol is added to the small piece of lint at the bottom of the crib which is then placed on the test rig and ignited within 2 minutes. For a pass to be recorded, all flaming should cease within 10 minutes.