

5. DISCUSSION OF RESULTS

The product classification when tested in accordance with the **SANS 10177 – Part 5** test protocol is:

🔥 **IsoBoard (25 – 80 mm) » B (Combustible)**

The provisional classification for the various thicknesses when tested in accordance with **SANS 10177 – Part 10** is:

🔥 **25 mm IsoBoard » B/ B1/ 2**

🔥 **30 mm IsoBoard » B/ B1/ 2**

🔥 **40 mm IsoBoard » B/ B1/ 2**

🔥 **50 mm IsoBoard » B/ B1/ 2**

🔥 **80 mm IsoBoard » B/ B1/ 2**

As a result of the outcome obtained from the **SANS 10177 – Part 10** tests it was decided to use the worst case scenario (most material), the 80 mm-thick, **IsoBoard** panels for evaluation in the **SANS 10177 – Part 11, Horizontal and Vertical**, tests to be sufficiently representative of all lesser thicknesses within the product range.

The classification in terms of **SANS 428** for the 80 mm-thick **IsoBoard** when tested in accordance with the **SANS 10177 – Part 11, Horizontal (H) and Vertical (V)**, test protocols are:

🔥 **80 mm IsoBoard » B/ B1/ 2/ H & V (SP and USP)**