

Our references: 165804/165805/165806

Your order No. PF-96-146

24th September 2007

Mr D Mattsoff  
Oy Meluton AB  
Arinatie 8  
Vantaa  
Finland  
01520

Dear Mr Mattsoff

**This is a summary of results obtained from testing products referenced "FR T110", "PUR T110" and "Eggbox Vana 30" / "PU Vana 30" to BS EN ISO 4589-3: 1996 (Elevated Oxygen Index test)**

We have completed the above tests and the following results have been achieved:

Nominally 10.09mm thick polyester faced, self adhesive polyurethane foam sound insulation (product reference 'FR T110', our reference WF No.165804) tested to BS EN ISO 4589-3 at a temperature of 60°C:

Elevated oxygen index value (test performed at 60°C) = 22.7%

Nominally 10.09mm thick polyurethane faced, self adhesive polyurethane foam sound insulation (product reference "PUR T110", our reference WF No.165805) tested to BS EN ISO 4589-3 at a temperature of 60°C:

Elevated oxygen index value (test performed at 60°C) = 22.7%

Nominally 22.68 to 26.01mm thick composite (product reference "Eggbox Vana 30" & "PU Vana 30", our reference WF No.165806) comprising of:

Component 1 – polyurethane surface and polyurethane foam

Component 2 – mineral loaded polymer and external polyethylene layer

Elevated oxygen index value of component 1 (test performed at 60°C) = 21.4%

Elevated oxygen index value of component 2 (test performed at 60°C) = 22.8%

**You have stated that the tests have been performed to show compliance with the following requirement that is detailed in Directive 94/25/EC:**

**Materials are considered to be non-combustible if the oxygen index is at least 21 when measured in accordance with ISO 4589, Part 3, as referred to in EN ISO 9094-1:2003.**

**EN ISO 9094-1: 2003 further states that:**

**Material used for the insulation of engine spaces shall:**

- **be fire retardant and shall present a non-fuel-absorbent surface towards the engine, and**
- **have an oxygen index (OI) of at least 21 in accordance with ISO 4589-3 at an ambient temperature of 60 °C.**

**All of the test results detailed in this letter meet the elevated oxygen index requirement defined in Directive 94/25/EC and EN ISO 9094-1: 2003.**

This letter is for your information only and should not be used as a substitute for the formal reports, which will include the full details required by the Standard.

Please do not hesitate to contact me if I can be of any further assistance.

Kind regards



C DEAN  
Operations Manager  
Reaction to Fire Testing

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