

Flammability Material Test Certificate

Bunsen Burner Test Data Sheet

Test Laboratory
HAM TQ23-C

Design Organization Approval
EASA.21J.019



Material Description

Security floor covering

Composition

Plastic layer coated with grainig

Test Number

8520/2006

Manufacturer

Heinemann Aircraft Interiors

Customer/Specification

AS-brown

Application

auf Alu-Blech

Customer Part Number

HAI-400R-brown

Batch Number

all batches

Article Number

400R-brown

Weight

Test Method CS/JAR/FAR 25.853

Test Requirement (Max Avge) Conditioning 24 h

Ignition Time For Details refer to applicable Part of App. F	Material Definitions	Flame Extinguishing	Burn Length	Drip Extinguishing	Burn Rate	Flame Penetration	After Glow
<input type="checkbox"/> 1. 60 sec Ignition Vertical Test	Interior Panels; Galleys; Under Seat Stowages	15 sec	6 nches (152 mm)	3 sec			
<input checked="" type="checkbox"/> 2. 12 sec Ignition Vertical Test	Floor Coverings; Textils; Decorative Parts; Galley Furnishings; Cushions; Electrical Conduits; Insulations; Ducts; Cargo Liners	15 sec	8 nches (203 mm)	5 sec			
<input type="checkbox"/> 3. 15 sec Ignition Horizontal Test 2,5 inch/min	Clear Windows; Signs; lighted Instruments				2,5 inch/min		
<input type="checkbox"/> 4. 15 sec Ignition Horizontal Test 4 inch/min	Small Parts; Knobs; Clips; Electrical Parts, etc.				4 inch/min		
<input type="checkbox"/> 5. 30 sec Ignition - 45 Degree	Cargo Liners; B + E	15 sec				none	10 sec
<input type="checkbox"/> 6. Blanket Test	Passenger Blanket	15 sec		3 sec			

Test Results

Sketch / Construction

Sample Number	Flame Extinguishing	Burn Length	Drip Extinguishing	Burn Rate	Flame Penetration	After Glow	Test Direction
1.	0 sec	5 mm	no drip	inch/min		sec	Lay or Weft/Fill
2.	0 sec	5 mm	no drip	inch/min		sec	Lay or Weft/Fill
3.	0 sec	5 mm	no drip	inch/min		sec	Lay or Weft/Fill
Average	0 sec	5 mm	no drip	inch/min		sec	Lay or Weft/Fill
1.	sec	mm		inch/min		sec	Warp
2.	sec	mm		inch/min		sec	Warp
3.	sec	mm		inch/min		sec	Warp
Average	sec	mm		inch/min		sec	Warp

Test Date : 20.12.2006

Tested by : Damwik

Engineering/Work Order

Pass

Fail

Approved :

Comments :