

Declaration Of Conformity

Brand : Senses Akustik

Product : ARC

Fire Rating on component level

Fabric

**CAT- A+
BS 5852 Part 1: 1979** : BS 5852 Ignition Source 0 & 1
Method of Test for the Ignitability by smokers' material of Upholstered Composites for Seating
Test Standard: BS 5852 Part 1: 1979
Cigarette Test (Ignition Source 0): Result-Pass
Observation: No flaming or progressive smouldering was observed within 60min of the placement of the cigarettes.

Match Test (Ignition Source 1): Result-Pass
Observation: The flaming ceased within 120 sec after the removal of the burner tube and no progressive smouldering was observed.
Ref. Test Report No.: 423681

**CAT- A
BS 5852 Part 1: 1979** : BS 5852 Ignition Source 0 & 1
Method of Test for the Ignitability by smokers' material of Upholstered Composites for Seating
Test Standard: BS 5852 Part 1: 1979

The Cigarette Test		
	Cigarette 1	Cigarette 2
Clause 9.2.3:		
Evidence of Progressive Smouldering / Flaming or Afterglow	No	No
Cover Splitting	Yes	Yes
Clause 9.4:		
Any Internal Progressive Smoldering during the Final Examination	No	No
Test Result	Pass	Pass

The Match Test

	Match 1	Match 2
Clause 9.3.4: Evidence of Flaming / Progressive Smouldering / Afterglow or Smoking	No	No
Cover Splitting	No	No
Clause 9.4: Any Internal Progressive Smouldering during the Final Examination	No	No
Test Result	Pass	Pass
Ref. Test Report No.: 187662		

**CAT- B
AS/NZS 1530.3:1999**

: Methods for Fire test on Building Materials, Components and Structures
Part 3: Simultaneous determination of Ignitability, Flame Propagation, Heat
Release and Smoke Release.

Test Standard: AS/NZS 1530.3:1999

Test	Regulatory Indices
Ignitability Index (Range 0-20)	10
Spread of Flame Index (Range 0-10)	0
Heat Evolved Index (Range 0-10)	2
Smoke Developed Index (Range 0-10)	5

Ref. Test Report No.: 19-001329

Acoustic Foam (Polyurethane)

CA TB 117-2013

: Testing the Smolder Resistance of Materials used in Upholstered Furniture

Test Standard: CA TB 117-2013 Section III

Result: CAL117 Compliant

Ref. Test Report No.: (6719)235-0725

BS 5852 Part 2: 1982

: Flammability Test: Ignition Source 5 (Wood Crib)

Test Standard: BS 5852 Part 2: 1982

Result: Pass

Ref. Test Report No.: MAN:TR:1053012746

Plywood

IS 5509:2000

: Fire Retardant Test
Test Method: IS 1734 (Part 3): 1983
Test Requirements: IS 5509:2000

Test	Results	Requirements IS 5509:2000 with Amd. -3 Reaff.2015
Flammability	47 min	cl.12.3.1: The time taken for the second ignition shall not be less than 30 min.
Flame Penetration	67 min	cl.12.3.2: The time taken for flame penetration shall not be less than 15 min for every 6mm thickness.
Rate of Burning	28 min	cl.12.3.3: The time taken to lose weight from 30% to 70% shall not be less than 20 min.

Ref. Test Report No.: PTL/GEN/000361