





## TECHNICAL DATA SHEET

### Category: Acoustic Walls

#### Product 1: Cara

##### Composition:

- Base : 100% PET (60% recycled content)
- Finishes : Fabric: 100% PES
- Felts : 100% PET (60% recycled content)
- Colorline : 100% PET (60% recycled content)
- Back Finish : Black Textile
- Application : Wall & Ceilings
- Installation : Adhesive & Velcro

##### Patterns & Dimensions:

- Thickness : 12 mm & 24 mm (±15%)
- Fika : 600 x 600 mm (L x W)
- Brick : 1200 x 690 mm ( L x W)
- Fusion/Lagom/Opera/Vista/Tribe : 1200 x 900 mm (L x W)
- Meraki/ Ribbed 25/50/100 : 2700 x 1200 mm (L x W)
- Ribbed 75/150 : 2700 x 1200 mm (L x W)
- Ribbed 40 : 2700 x 1200 mm (L x W)
- Leaf : 2700 x 1200 mm (L x W)

##### Performance:

###### 1. Acoustic Properties:

- **ASTM C423** | NRC: **0.50** (for 12 mm thickness) | NRC: **0.75** (for 24 mm thickness)

###### 2. Fire Resistance:

###### 1. Acoustic Foam (100 % PET (60% recycle content))

- **ASTM E84- 2021** | Flame Spread Index: Class 1 or A | Smoke Developed Index: Class 1 or A
- **BS/EN 13501-1:2018** | Classification: B-s1, d0
- **AS/NZS 1530.3:1999** | Flame Spread Index: 0 | Smoke Index: 2

###### 2. Fabric

###### - Category A+

- **BS 5852 Part 1: 1979 Ignition Source 0 & 1** | Details: Cigarette Test & Match Test | Result: PASS on both tests | Test Number: 423681



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- Category A

- **BS 5852 Part 1: 1979 Ignition Source 0 & 1** | Details: Cigarette Test & Match Test | Result: PASS on both tests | Test Number: 187662

- Category B

- **AS/NZS 1530.3:1999** | Details: Simultaneous test for Ignitability, Flame Propagation, Heat Release & Smoke Release | Result: Passed | Test Number: 19-00132

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- Category D

- **CA TB 117-2013 (Section 1 – Cover Fabric)** | Details: Upholstery category fabric meeting multiple international fire resistance standards | Results: PASS

- Category E

- **BS EN 13501-1: Class C, s3, d2** | Details: In-house test confirmed satisfactory compliance | Results: PASS | Certificate Number: 7247-S

3. Felt

- **ASTM E84- 2021** | Flame Spread Index: Class 1 or A | Smoke Developed Index: Class 1 or A
- **BS/EN 13501-1:2018** | Classification: B-s1, d0
- **AS/NZS 1530.3:1999** | Flame Spread Index: 0 | Smoke Index: 2

2. VOC Emissions:

- **CDPH Standard Method v1.2** | Section 01350 – Low-emitting materials for schools and offices

### **Sustainability:**

- **Certifications & Compliance:**
  - LEED v4: Supports EQ Credit (Low-Emitting Materials)
  - Certified Low VOC materials
  - EPD & HPD certified
  - Declare Label compliant
  - USGBC LEED compliant