

KEY PRODUCT SPECIFICATIONS	Echo Barrier H9	Echo Barrier H10	SoundEx C1/1	SoundEx C1/2	SoundEx C2/3	SoundEx C3/8 (3x width of the C1/8)
Max Noise Reduction (Lab Tested)*	38.5dB	40.1dB	28.2dB	32.3dB	35.6dB	32.3dB
Max Noise Absorption (Lab Tested)*	97%	96%	0.39 (39%)	0.56 (56%)	1.05 (105%)	0.62 (62%)
Height	6ft 9in/2050mm	6ft 9in/2050mm	6ft 9in/2050mm	6ft 9in/2050mm	6ft 9in/2050mm	6ft 2in/1890mm
Width	4ft 5in/1335mm	4ft 5in/1335mm	4ft 2in/1250mm	4ft 2in/1250mm	4ft 2in/1250mm	12ft 4in/3780mm
Rollable	Yes	Yes	No	No	No	No
Weight	11.7lb/5.3kg	13.4 lbs/6.1kg	11.02lb/5kg	11.02lb/5kg	37.5lb/17kg	42lb/19kg
Fire Resistance test standard*	ASTM E84 (Cat: A), BS 7837-1996	ASTM E84 (Cat: B), BS 7837-1996	Individual material specification only	Individual material specification only	Individual material specification only	Individual material specification only
Water Resistance test standard*	BSEN 60529-1992 IPX6/IPX9	BSEN 60529-1992 IPX6/IPX9	Uncertified	Uncertified	Uncertified	Uncertified
Dust Resistance test standard*	BSEN 60529-1992	BSEN 60529-1992	Uncertified	Uncertified	Uncertified	Uncertified
Cold Resistance test standard*	BSEN 60068/2/1:2007 (-40F)	BSEN 60068/2/1:2007 (-40F)	Uncertified	Uncertified	Uncertified	Uncertified
Tensile Strength test standard*	ISO 17025 (6.85kN vertical, 11kN horizontal)	ISO 17025 (6.85kN vertical, 11kN horizontal)	Uncertified	Uncertified	Uncertified	Uncertified
UV resistance	3yrs (US & Canada) 5yrs (ROW)	3yrs (US & Canada) 5yrs (ROW)	Uncertified	Uncertified	Uncertified	Uncertified
Safety features	2 night time reflective strips, hazard icons	2 night time reflective strips, hazard icons	No night time strips	No night time strips	No night time strips	No night time strips
Identification code part number	Unique RFID number per unit	Unique RFID number per unit	No information	No information	No information	No information
Manufacturers Warranty	1 year	1 year	No information	No information	No information	No information

Ease of Deployment and storage	Light weight design. Roll up system for easy deployment around site.	Light weight design. Roll up system for easy deployment around site.	Lightweight, no roll up system	Lightweight, no roll up system	Heavy, no roll up system	Heavy, no roll up system
Independent Test results and official product certification	*Full independent laboratory results can be obtained on request	*Full independent laboratory results can be obtained on request	Only noise performance test results available	Only noise performance test results available	Only noise performance test results available	Only noise performance test results available

### Conclusion:

This document compares our **H9** and **H10** Echo Barriers to SoundEx's **C3/8** (no information online, spec sheet attached), **C1/1**, **C1/2** and **C2/3** curtains.

### Performance:

Please note the noise reduction performance levels of our barriers vs SX's curtains.

NB: The **dB** scale is **logarithmic**, so for every additional **10dB** improvement in performance, you reduce noise energy by a factor of **10**. Our 11lb and 13lb barriers are significantly better performers than SX's 11lb curtains.

Not even SoundEx's heavy 37lb product gets close (3dB = twice the performance).

### Independent Tested Product Certificates:

In addition, Echo Barrier can provide official independent full product test results for **fire, water, dust, cold** and **tensile** strength.

SoundEx have test results for individual components **only** leaving the end user vulnerable.

The only fire rating test SoundEx has shared is: **NFPA 701**

NFPA 701 to assess the propagation of flame of various textiles and films under specified fire conditions. The test methods included apply to **curtains, window shades, draperies, table linens, textile wall hangings** as well as to fabrics used in the assembly of awnings, tents, tarps and other similar ...

Not ideal nor fit for purpose as this test is more relevant for inside homes and offices, not for construction sites.

### Importance of a durable product on ROI

The more resistant the barrier is to all the above, the longer the expected product lifetime. Rental companies desire products they can rent out for longer, with a higher ROI.

Echo Barrier's in-depth testing at the relevant product, not material level, results in a more durable, longer lasting product, more suited to your target market