



SPECIFICATION FOR SOUND QUALITY® RESONATOR SOUND ABSORBER



SECTION 09800

PART 1 PRODUCTS

Resonator Sound Absorber (**Resonator**)

MANUFACTURER

Sound Quality® Resonators shall be manufactured by Sound Seal, Inc. in Agawam, Massachusetts 01001.

MATERIAL

Sound Quality® Resonators shall be made of specially engineered molded acoustical fiberglass. Each resonator shall have 2 internal metal resonators positioned inside the unit. Each resonator will have 2 eye hooks for horizontal mounting. Each resonator will have custom formed finished aluminum end rings on each end. Resonator units may be covered in a Sailcloth nylon facing. Surface Burning Characteristics (ASTM E-84-84a) Class A or 1 / Flame Spread-25 Smoke Developed-320.

SIZE

Each Resonator shall measure 12" diameter by 24" long and weigh approximately 6 lbs each.

TESTING

Sound Quality® Resonators shall have an NRC of 8.45 Sabins per unit.

Sound Absorption Values in Sabins Per Unit

Frequency (Hz)	100	125	250	500	1000	2000	4000	Sabins
Resonator	3.88	3.65	5.84	8.48	9.51	9.98	9.90	8.45
Econosorber	0.91	1.69	3.98	7.66	9.06	9.78	8.74	7.60

INSTALLATION & STORAGE

Resonator units can be installed horizontally by suspending each resonator independently from the roof deck using 16 gauge wire. Resonator units are to be stored in their original boxes in a clean and dry location. Sound Quality® technical data, test reports and general information is available by contacting:

Sound Seal, Inc.

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