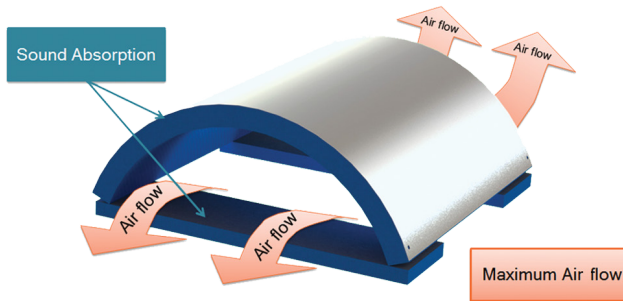


Airborne sound escapes through return air grilles and enters other offices and open spaces.

Transwall Acoustic Dome

Acoustic Dome solves sound transmission problems in an open plenum ceiling where sound bounces around the open space and penetrates other offices.



Air flow is not impeded. Sound is absorbed by the recycled cotton batting.

Recycled Cotton Acoustic Material Specs

- Excellent Noise Absorption
- Class A Fire Rating
- Reduces Heat Loss/Gain
- No Formaldehyde
- Resists Microbial Growth
- Low Air Resistance
- No Itch or Skin Irritation

Properties	Performance	Test Method
Operating Limits Temperature Velocity	Maximum 250° (121°C) 5000 fpm	ASTM C 411 ASTM C 1071
Surface Burning Characteristics (Fire Hazard Classification)	Flame Spread Max: 25 Smoke Developed Max: 25 Class A / Class 1	ASTM E 84 UL 723 NFPA 255
Corrosion Resistance	Pass - No Growth	ASTM G 21 ASTM C 1338 ASTM C 739
Bacteria Resistance	Pass - No Growth	ASTM G 22
Water Vapor Absorption	Less than 1% by Weight	ASTM C 1104

Transwall Acoustic Dome

some need
to collaborate



while others need
to concentrate



Transwall Acoustic Dome

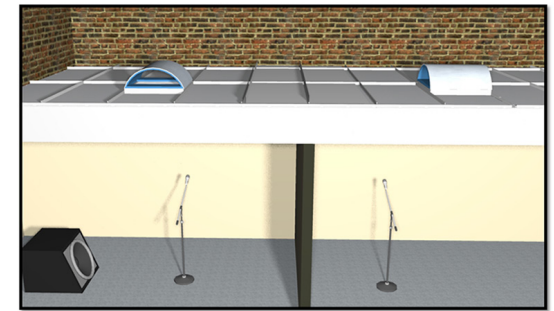
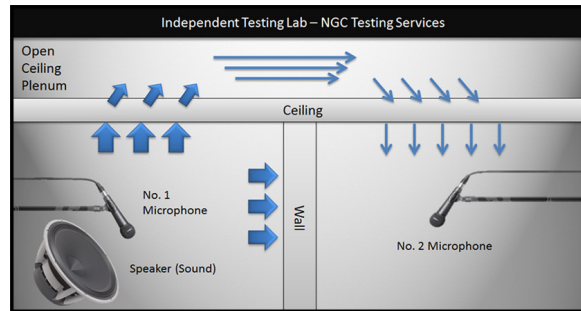
Patent No. US 8069947 B2

Acoustic Dome reduces conversational contamination for people trying to concentrate.

It provides speech security between private offices and open spaces.



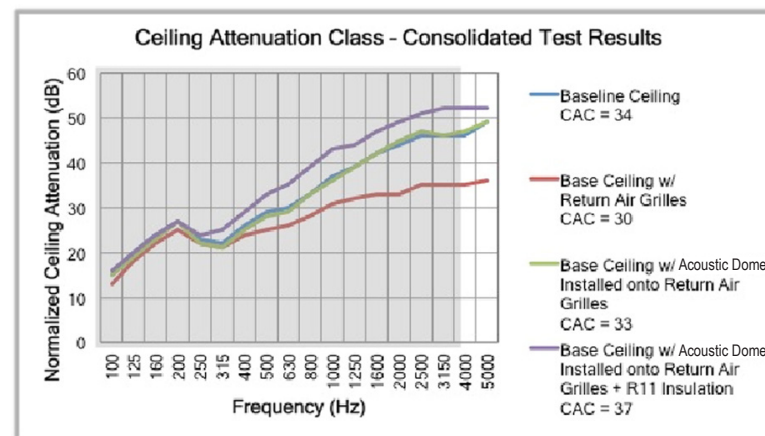
Ceiling Attenuation Class (CAC)
Determines sound transmission loss through a ceiling between rooms with a common plenum.



An independent test lab performed four CAC test with the following results:

Test	Conditions	CAC
1	Ceiling only (baseline)	34
2	Ceiling with return air grilles	30
3	Ceiling with Acoustic Domes installed onto return air grilles	33
4	Ceiling with Acoustic Domes installed onto return air grilles & single row of R11 insulation on each side of the demising wall	37

ADVANTAGES	
✓	Passive, low tech
✓	Affordable
✓	Easy to install & move
✓	Environmentally friendly
✓	New & retrofit



CAC of 25 is bad
CAC of 35 is good
CAC of >35 is EXCELLENT

The test results were very positive.