

ENGINEERING DATA SHEET

# NIMBUS

The Nimbus™ is an easy to use 24" x 48" x 1.5" (610mm x 1219mm x 38mm) acoustic cloud kit designed to attenuate ambient noise and control low, mid and high frequency reflections. The Nimbus is generally placed above an area where a reduction in sound level is desired such as restaurant tables, library reading zones or boardrooms.

When installed the Nimbus delivers greater intimacy and improved intelligibility in any space. Each Nimbus kit includes a fabric covered Broadway panel, SlipNot™, Helix™ and all hardware required to attach to a ceiling. The Nimbus is available in black, beige or grey fabric or in Absolute White™ paintable finish.

**SPECIFICATIONS:**

<b>ORDER NUMBER</b>	Z840-1205-XX (xx denotes color code 00=Black; 03= Beige; 08=Grey; 09=White)
<b>DIMENSIONS</b>	24" (610mm) x 48" (1219mm)
<b>PANEL DEPTH</b>	1.5" (38mm)
<b>CORE MATERIAL DENSITY</b>	Formed, semi-rigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
<b>WEIGHT</b>	8.3 lbs (3.8 kg)
<b>FACING</b>	Acoustically transparent polyester or paintable glass wool tissue micromesh sealed with latex paint
<b>BACKING</b>	Sealed with acoustically transparent micromesh
<b>EDGE TREATMENT</b>	Sealed and hardened with resin
<b>RECYCLED CONTENT</b>	Up to 40%
<b>LEED ELIGIBLE</b>	Yes

**ABSORPTION CHARACTERISTICS:\***

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1.5" (38mm); Depth*	0.21	0.67	1.01	1.00	1.01	1.00	0.88
1.5" (38mm); Offset 2" ***	0.37	0.74	1.11	1.12	1.12	1.06	1.03

\* Testing performed by Riverbank Acoustical Laboratories. The test methods conform explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: AGTM C 423 (2) and E 795-05. \*\*\*Offset mounted to create an air space between the panel and ceiling.

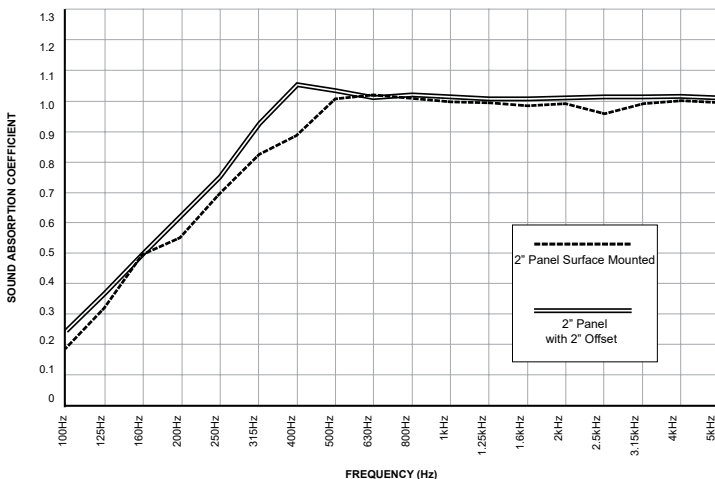
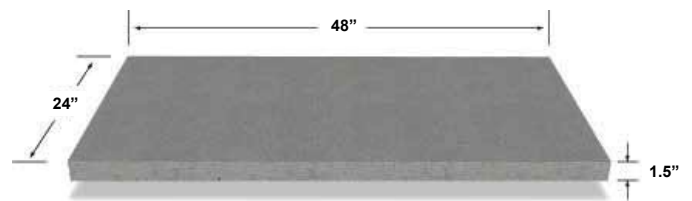


Photo shows typical Nimbus Cloud Kit Mounting.



Nimbus Panel (Qty: 2)

**INCLUDED HARDWARE :**



SlipNot™ Suspension Cable



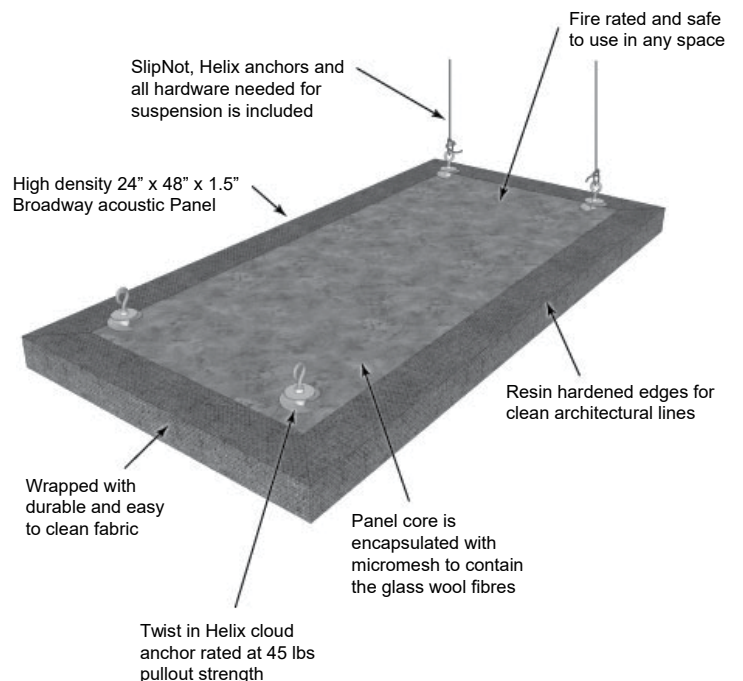
Helix™ Anchor



Eye-Hook



Drywall/Masonry Anchors



**FIRE & BURN PERFORMANCE:**

<b>COUNTRY</b>	<b>TEST STANDARD</b>	<b>CLASSIFICATION</b>
<b>FABRIC WRAP</b>		
Canada	CAN/ULC-S102-03	Class A/1
USA	ASTM E84-09	Class A/1
Europe	EN 13501-1A	2-s1, d0
Australia / New Zealand	AS/NZS 1530.3	(I)0, (S)0, (H)0, (Sm)5
<b>PAINTABLE</b>		
Canada	CAN/ULC-S102-10	Class A/1
USA	ASTM E84-11bC	lass A/1
Europe	EN 13501-1B	-s2, d0
Australia / New Zealand	AS/NZS 1530.3	(I)0, (S)0, (H)0, (Sm)3