

Acoustic Panels - AP

B-40 Series

Model : AP-B41– Industrial Applications (Medium / Heavy Duty Models)
Panel- 100 mm*; Panel- 50 mm (A–3 mm* Perforated; B–5 mm Perforated)

BETEC CAD. B-40 Series Acoustic Panels are designed to reduce reflective sound energy in large spaces. They are used on walls or ceilings and in open spaces, that require sound level reduction.

Standard Construction Galvanized Steel

Frame

1.2 mm aluminium sheet.

Blade

Double skin blade type with outer face 0.7 mm aluminium sheet and Inner perforated face 0.9 mm galvanized steel sheet .

Panel thickness

100 mm

Acoustic infill

48 kg/m³ density rockwool covered with black glass tissue

Finish

Mill finish

Optional Fittings

Panel thickness

50 mm

Insulation

Fiberglass with 48 kg/m³ density with 50 mm thickness

Finish

Available with RAL powder coating, please specify colour

Supports

G.I / Al angles.

Optional Construction

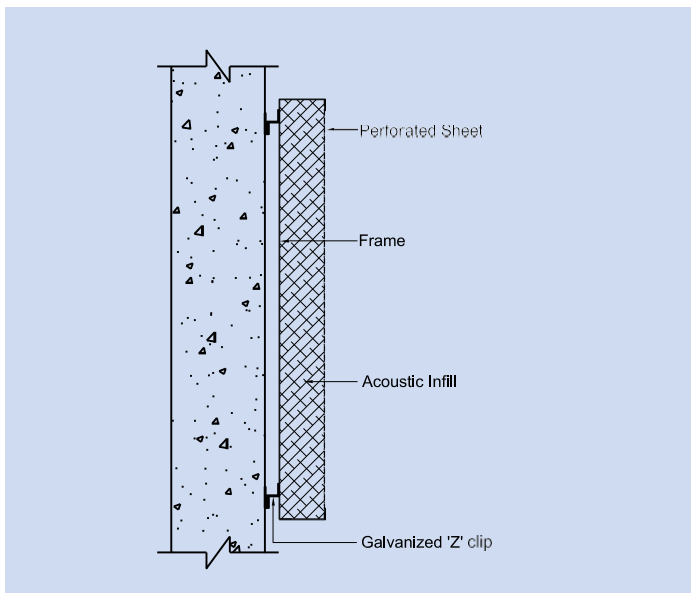
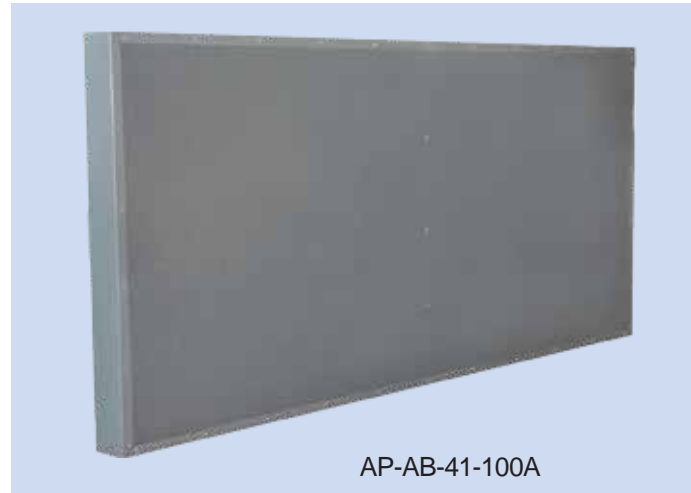
Frame : Thickness up to 2 mm

Blade : Thickness up to 2 mm

Applications

- Around noisy equipment
- Rooms and booths
- Air Handling units and plenums

Note : Please contact **BETEC CAD.** for customized design & additional information.



B-40 Series Model details (Panel)						
Model	Frame		Blade		Perforated Sheet	
	Material	Thick	Material	Thick	Material	Thick
AP-AB-41-50/100	AL	1.2 mm	AL	0.7mm	GI	0.9 mm
AP-GB-41-50/100	GI	0.9 mm	GI	0.7mm	GI	0.9 mm

Any Combination of W x H

AP-AB-41-100														
Win Inchs	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	40"
Hin inches	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	40"

Note:

Maximum single module construction - 1 meters x 1 meters
 Multiple module available with mullion.

Selected Products of the company have been Classified / Listed / Tested by various international testing authorities.



Acoustic Panel
Model : AP-B41A-50/100*

Model : AP-AB-42-25/50 Performance									
Panel Model	Octave Band	63	125	250	500	1000	2000	4000	8000
AP-AB-41-50	Transmission loss	-	-	-	-	-	-	-	-
	Absorption	-	0.3	0.7	0.9	0.99	0.9	0.8	0.8
AP-AB-41-100	Transmission loss	-	-	-	-	-	-	-	-
	Absorption	-	0.7	0.9	0.99	0.99	0.9	0.8	-

Acoustic Panel
Model : AP-B42-25/50*

Model : AP-AB-42-25/50 Performance									
Model	Octave Band	125	250	500	1000	2000	4000	8000	
AP-AB-42-25	Absorption	0.14	0.27	0.8	1.11	1.14	1.14	0.85	
AP-AB-42-50	Absorption	0.22	0.81	1.25	1.3	1.21	1.16	1.15	

 Example : Where **BETEC CAD.** Acoustic Panel are installed


Sharjah T.V. Station - F.M. Radio Studio,
BETEC CAD. Acoustic Panels for Studio Applications - **Model: AP - AB-42-50** Size 600 x 600 mm

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