

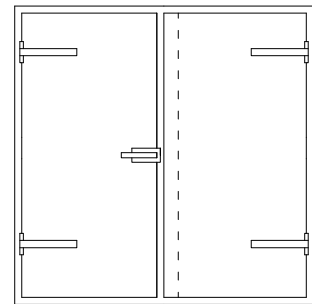
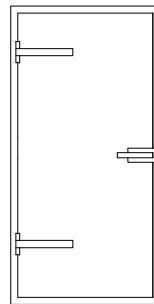
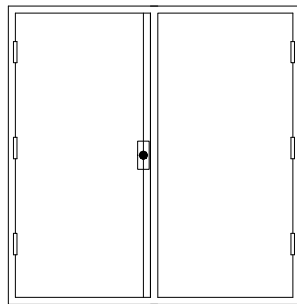
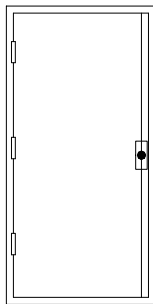
*Needle Acoustics Company*  
*Needle*

*Acoustic Doors*

## NENDLE RANGE OF ACOUSTIC DOORS AND ACOUSTIC PANEL SYSTEMS

Nendle acoustic steel door sets combine elegance with quality and strength to meet the most demanding acoustic door applications.

Nendle have extensive experience in the design and manufacture of specialist door sets and access panels covering a diverse range of industries and applications.



**NAC-AD-40/42**

**NAC-AD-49**

STANDARD MODELS	Single leaf Clear opening	Double leaf Clear opening	Furniture spec.	Finish spec.	Fire specification up to 4 hrs. BS 476 (part 20&22).
NAC-AD-40	750 x 1980	1500 x 1980	A	EFGHJ	AVAILABLE
NAC-AD-42	750 x 1980	1500 x 1980	A	EFGHJ	AVAILABLE
NAC-AD-49	750 x 1980	1500 x 1980	B	EFGHJ	AVAILABLE
NAC-AAP-40	up to 1050 wide x 2300 high		CD	EFGHJ	AVAILABLE
NAC-AAP-42	up to 1000 wide x 2250 high		CD	EFGHJ	AVAILABLE
NAC-AAP-49	up to 1000 wide x 2250 high		CD	EFGHJ	AVAILABLE



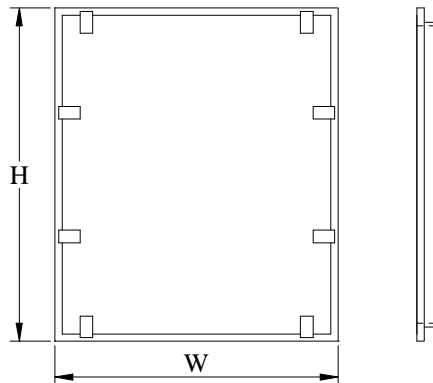
OPTIONS : VIEWING PANELS (Not fire spec; doors & panels)  
OVERHEAD DOOR CLOSERS  
DOOR RESTRAINTS  
VENTILATION PANELS

**SPECIFICATIONS :**

- A. Heavy duty butt hinges and lockable espagnolette bolts, and internal panic release handle.
- B. Heavy duty strap hinges and off-set slam latch with internal panic release handle.
- C. Access panels are secured to angle frame with M8 bolts on max. 300 centres.
- D. Access panels are secured to angle frame with off-set cam handles on max. 450 centres.
- E. Etch primer.
- F. Paint, air drying.
- G. Polyester powder paint.
- H. Stove enamel.
- J. Galvanised



**ACOUSTIC ACCESS PANEL  
NAC-AAP 40/42/49**



**ACOUSTIC PERFORMANCE**

MODEL	SRI. A	SRI. B	ASIR. C
NAC-AD-40 NAC-AAP-40	38	36	40
NAC-AD-42 NAC-AAP-42	41	38	42
NAC-AD-49	47	45	49

SRI.A. BS 2750:1980  
ISO 140, PART 3  
ASTM E90-70  
(100-10,000 Hz)

SRI.B. BS 2750:1980  
ISO 140, PART 3  
ASTM E90-70  
(100-3150 Hz)

ASIR.C. BS 5821:1984  
ISO 717, PART 1.  
1982.

SRI : Sound Reduction Index  
ASIR : Airborne Sound Insulation  
Rating \_ Dw.tn.  
(ISO 140/3;4.)

Octave Bands	Hz.	63	125	250	500	1K	2K	4K	8K
NAC-AD/AAP 40	dB	21	24	36	39	41	39	44	42
NAC-AD/AAP 42	dB	23	27	34	41	41	45	50	49
NAC-AD/AAP 49	dB	30	36	41	45	50	51	53	54

1/3rd Octave Band	Hz.	50	63	80	100	125	160	200	250	315	400	500	630	800	1K	1.25K	1.6K	2K	2.5K	3.15K	4K	5K	6.3K	8K	10K
NAC-AD/AAP 40	dB.	20	25	18	25	20	27	34	37	38	38	40	40	41	42	40	39	38	40	41	44	47	49	39	38
NAC-AD/AAP 42	dB.	25	24	22	26	27	29	31	36	35	39	41	43	42	43	38	43	45	46	49	50	52	51	48	49
NAC-AD/AAP 49	dB.	32	31	28	34	36	38	41	39	42	44	45	47	47	50	52	47	52	53	54	53	52	53	53	54

