



SOUND PERFORMANCE DATA OF PHOENIX GLASS CONFIGURATIONS

Indicative sound control performance data

PHOENIX ANNEALED™	Rw
3mm float	28
4mm float	29
5mm float	30
6mm float	31
8mm float	33
10mm float	35
12mm float	36
15mm float	38
19mm float	40

PHOENIX LAM™	MAKE-UP	Rw
6.38mm PVB laminated	3/0.38/3	33
6.76mm PVB laminated	3/0.76/3	34
7.52mm PVB laminated	3/1.52/3	35
8.38mm PVB laminated	4/0.38/4	34
8.76mm PVB laminated	4/0.76/4	35
10.38mm PVB laminated	5/0.38/5	36
10.76mm PVB laminated	5/0.76/5	36
10.52mm PVB laminated	5/1.52/5	37
12.38mm PVB laminated	6/0.38/6	37
12.76mm PVB laminated	6/0.76/6	38
13.52mm PVB laminated	6/1.52/6	39

PHOENIX INSUSEAL™	MAKE-UP	Rw
14mm IGU	4/6as/4	29
18mm IGU	6/6as/6	31
20mm IGU	4/12as/4	30
21mm IGU	4/12as/5	31
22mm IGU	5/12as/5	32
24mm IGU	6/12as/6	34
26mm IGU	6/16as/4	35
31mm IGU	6/19as/6	37
28mm IGU	6/12as/10	38
16.38mm IGU	6.38/6as/4	34
23.76mm IGU	6.76/12as/5	37
24.38mm IGU	6.38/12as/6	35
24.76mm IGU	8.76/12as/4	36
24.76mm IGU	6.76/12as/6	37
25.52mm IGU	7.52/12as/6	38
28.76mm IGU	10.76/12as/6	39

PHOENIX SOUNDLAM™	MAKE-UP	Rw
6.76mm Acoustic PVB	3/0.76/3	35
8.76mm Acoustic PVB	4/0.76/4	37
10.76mm Acoustic PVB	5/0.76/5	39
12.76mm Acoustic PVB	6/0.76/6	40

PHOENIX SOUNDSEAL™	MAKE-UP	Rw
24.76mm Acoustic IGU	6.76A/12as/6	38
26.76mm Acoustic IGU	8.76A/12as/6	39
28.76mm Acoustic IGU	8.76A/12as/8	41
28.76mm Acoustic IGU	8.76A/16as/4	38
30.76mm Acoustic IGU	8.76A/16as/6	40
30.76mm Acoustic IGU	8.76A/12as/10	42
30.76mm Acoustic IGU	12.76A/12as/6	42

PHOENIX SUPREME SOUNDSEAL™	MAKE-UP	Rw
37.52mm Acoustic IGU	12.76A/12as/12.76A	49
41.52mm Acoustic IGU	12.76A/16as/12.76A	51
39mm Acoustic IGU	12.76A/16as/10.76A	50

KEY
as = airspace
A = acoustic
IGU = Insulating Glass Unit
PVB = Polyvinyl Butyral
Rw = Sound insulation of glass

The higher the Rw value, the better the noise reduction of the glass.
The above sound performance data is based on a range of published data from testing laboratories and serves as a guide for comparison only.
Test reports for specific glass configurations are available on request.