



Scheuten sound reducing insulating glass

Isolide® Phon



01-03-2016

Insulating glass, 2 sheets of floatglas

Product name	Thickness approx. (mm)	Mass approx. (kg/m ²)	R _w (dB)	C (dB)	C _{tr} (dB)	R _w +C (dB)	R _w +C _{tr} (dB)	Classification EN 356	Classification EN 12600
Isolide® Phon I 33/22	22	25	33	0	-3	33	30	NPD	NPD
Isolide® Phon I 34/25	25	25	34	-1	-4	33	30	NPD	NPD
Isolide® Phon I 35/30	30	25	35	-1	-5	34	30	NPD	NPD
Isolide® Phon I 35/28	28	32,5	35	-2	-4	33	31	NPD	NPD
Isolide® Phon I 35/29	29	35	35	-1	-4	34	31	NPD	NPD
Isolide® Phon I 36/34	34	35	36	-2	-4	34	32	NPD	NPD
Isolide® Phon I 36/30	30	45	36	-1	-4	35	32	NPD	NPD
Isolide® Phon I 37/32	32	40	37	-2	-4	35	33	NPD	NPD
Isolide® Phon I 38/36	36	40	38	-2	-4	36	34	NPD	NPD
Isolide® Phon I 38/38	38	45	38	-1	-3	37	35	NPD	NPD
Isolide® Phon I 40/38	38	45	40	-2	-4	38	36	NPD	NPD
Isolide® Phon I 41/42	42	45	41	-1	-5	40	36	NPD	NPD
Isolide® Phon I 41/44	44	50	41	-1	-4	40	37	NPD	NPD

Insulating glass, 1 sheet of floatglas, 1 sheet of Multisafe® laminated glass with standard pvb

Product name	Thickness approx. (mm)	Mass approx. (kg/m ²)	R _w (dB)	C (dB)	C _{tr} (dB)	R _w +C (dB)	R _w +C _{tr} (dB)	Classification EN 356	Classification EN 12600
Isolide® Phon II 34/25	25	25	34	-1	-4	33	30	NPD	- / 2B2
Isolide® Phon II 36/32	32	40	36	-2	-5	34	31	NPD	- / 1B1
Isolide® Phon II 37/27	27	35	37	-1	-4	36	33	- / P2A	- / 1B1
Isolide® Phon II 37/30	30	35	37	-1	-4	36	33	- / P2A	- / 1B1
Isolide® Phon II 39/31	31	40	39	-1	-4	38	35	- / P2A	- / 1B1
Isolide® Phon II 39/39	39	45	39	-1	-4	38	35	- / P2A	- / 1B1
Isolide® Phon II 40/35	35	45	40	-1	-5	39	35	- / P2A	- / 1B1
Isolide® Phon II 40/37	37	40	40	-1	-3	39	37	- / P2A	- / 1B1
Isolide® Phon II 40/43	43	45	40	-2	-4	38	36	- / P2A	- / 1B1
Isolide® Phon II 40/44	44	60	40	-1	-4	39	36	- / P2A	- / 1B1
Isolide® Phon II 41/35	35	50	41	-1	-4	40	37	- / P2A	- / 1B1
Isolide® Phon II 41/41	41	50	41	-1	-3	40	38	- / P2A	- / 1B1

Insulating glass, 2 sheets of Multisafe® laminated glass with standard pvb

Product name	Thickness approx. (mm)	Mass approx. (kg/m ²)	R _w (dB)	C (dB)	C _{tr} (dB)	R _w +C (dB)	R _w +C _{tr} (dB)	Classification EN 356	Classification EN 12600
Isolide® Phon II 36/27	27	30	36	-2	-5	34	31	NPD	2B2 / 2B2
Isolide® Phon II 40/33	33	40	40	-2	-6	38	34	P2A / P2A	1B1 / 1B1
Isolide® Phon II 42/37	37	50	42	-1	-5	41	37	P2A / P2A	1B1 / 1B1
Isolide® Phon II 43/35	35	45	43	-1	-4	42	39	P2A / P2A	1B1 / 1B1
Isolide® Phon II 44/39	39	55	44	-2	-5	42	39	P2A / P2A	1B1 / 1B1

In accordance with NEN-EN-ISO 717-1

Laboratory tests in accordance with NEN-EN-ISO-140-3 / NEN-EN-ISO-10140-2

NPD = No Performance Determined

All acoustic glass compositions in the above table are available as heat insulation glazing or solar control glazing. Contact our sales department for further details.

Please refer to our website www.scheuten.com for the most recent information



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