

## ECHOLAM

There are various types of glass used for windows in residential as well as commercial areas. Among them is soundproof glass which has become highly popular in both homes and offices as it helps to reduce the surrounding noise and gives you complete peace and privacy.



## EXPLANATION OF ABBREVIATIONS

RW- is an average sound insulation value for the considered frequencies.

Ctr – corrective coefficient for sound sources containing a large number of low frequencies, for example urban road traffic

C – corrective coefficient for sound sources containing few low frequencies for example high speed road traffic, high speed rail traffic, children playing

## ECHOLAM - LAMINATED GLASS

### with acoustic PVB in single-unit configuration

STRUCTURE [MM]	R <sub>w</sub> /STC	C	C <sub>tr</sub>	OITC
ECHOLAM 33.2	36	-1	-3	31
ECHOLAM 44.2	37	-1	-3	31
ECHOLAM 55.2	38	-1	-3	31
ECHOLAM 66.2	39	-1	-2	33
ECHOLAM 88.2	41	-1	-3	30
ECHOLAM 1010.2	43	-1	-3	34
ECHOLAM 1212.2	44	-1	-3	32

## ECHOLAM GLASS IN INSULATING UNITS

STRUCTURE [MM]	R <sub>w</sub> /STC	C	C <sub>tr</sub>	OITC
3 [12] ECHOLAM 33.2	38	-1	-5	31
3 [12] ECHOLAM 44.2	38	-1	-5	31
6 [12] ECHOLAM 33.2	41	-2	-5	33
6 [12] ECHOLAM 44.2	41	-1	-5	34
6 [12] ECHOLAM 55.2	42	-2	-5	34
8 [12] ECHOLAM 33.2	42	-1	-4	35
8 [12] ECHOLAM 44.2	44	-1	-4	36

## DOUBLE ECHOLAM GLASS IN INSULATING UNITS

STRUCTURE [MM]	R <sub>w</sub> /STC	C	C <sub>tr</sub>	OITC
ECHOLAM 33.2 [12] ECHOLAM 33.2	43	-2	-6	34
ECHOLAM 66.2 [12] ECHOLAM 88.2	49	-1	-5	40
ECHOLAM 66.2 [12] ECHOLAM 44.2	50	-3	-8	36
ECHOLAM 86.2 [20 ARGON] ECHOLAM 55.2	51	-2	-7	42

## TRIPLE ECHOLAM GLASS IN INSULATING UNITS

STRUCTURE [MM]	R <sub>w</sub> /STC	C	C <sub>tr</sub>	OITC
ECHOLAM 33.2 [12] ECHOLAM 33.2	43	-2	-6	34
ECHOLAM 66.2 [12] ECHOLAM 88.2	49	-1	-5	40
ECHOLAM 66.2 [12] ECHOLAM 44.2	50	-3	-8	36
ECHOLAM 86.2 [20 ARGON] ECHOLAM 55.2	51	-2	-7	42