

STADIP SILENCE®



Description

STADIP SILENCE is an acoustic glazing that effectively keeps out intrusive sounds, ensuring tranquility to work, live and sleep in peace.

The acoustic laminated glass STADIP SILENCE contains a special film interlayer that contributes to reduce sound transmission.

STADIP SILENCE suppresses sound waves intrusion around the critical frequency of the glass, it can be applied in single or double glazed unit (DGU). In a DGU, STADIP SILENCE reaches an airborne sound insulation level of up to 54dB.

Applications

STADIP SILENCE is equally suited for internal as well as external use.

GLASS FACADES AND WINDOWS

STADIP SILENCE is particularly well suited near noisy area like streets or airports as it contributes to the reduction of the impact of external noise.

INTERNAL PARTITIONS

With its high-security attributes, STADIP SILENCE impresses with the internal partitions. A single pane of

STADIP SILENCE can lessen the sound to 47 dB, depending on its thickness. Sound insulation values far exceeding 50 dB can be achieved in a double layer construction. STADIP SILENCE also offers numerous opportunities for creative designs and customisation.

OVERHEAD GLAZING

STADIP SILENCE provides protection from rain impact noise on windows and glazing overhead.

Benefits

END-USERS

Environmental noise has negative health effects. STADIP SILENCE has the ability to reduce or avoid the physical and psychological adverse effects:

- Sleep and concentration difficulties
- Blood pressure elevated
- Cardiovascular troubles
- Nervous disturbances
- Depression

No visual quality reduction-uses an acoustic interlayer that is invisible to the naked eye.

Filters 99% UV light, thus eliminating the sun's bleaching effect.

STADIP SILENCE can be associated with other glass products, offering a variety of high performance, multi-functional glazing options, including:

- Solar control glazing (e.g. COOL-LITE)
- Thermal insulation (e.g. PLANITHERM or ECLAZ)
- Safety and security (e.g. STADIP / STADIP PROTECT/ SECURIT)
- Fire resistant glazing (e.g. PYROSWISS / CONTRAFLAM)
- Self-cleaning glazing (e.g. BIOCLEAN)
- Obscured and/or design glass (e.g. MASTERGLASS / DECORGLASS)

GLASS PROCESSORS / FABRICATORS OR INSTALLERS

Provides a lighter weight, thinner option to thicker, heavier monolithic, or standard laminated glass products for acoustic glass.

Glassolutions provides its customers with an independently certified acoustic calculation tool and independently verified test reports to support specification and use of the product range.

Handling & Processing

STADIP SILENCE can be cut and processed in the same way as regular laminated glass.

Specifications

Rw in dB	C	Ctr	Type	Thickness
35	0	-3	STADIP SILENCE 6.4	6.4 mm
35	0	-3	STADIP SILENCE 6.8	6.8 mm
37	-1	-3	STADIP SILENCE 8.4	8.4 mm
37	0	-3	STADIP SILENCE 8.8	8.8 mm
38	-1	-3	STADIP SILENCE 10.4	10.4 mm
38	0	-2	STADIP SILENCE 10.8	10.8 mm
39	0	-2	STADIP SILENCE 12.4	12.4 mm
39	0	-2	STADIP SILENCE 12.8	12.8 mm
40	-1	-3	STADIP SILENCE 14.8	14.8 mm
41	-3	-3	STADIP SILENCE 16.8	16.8mm

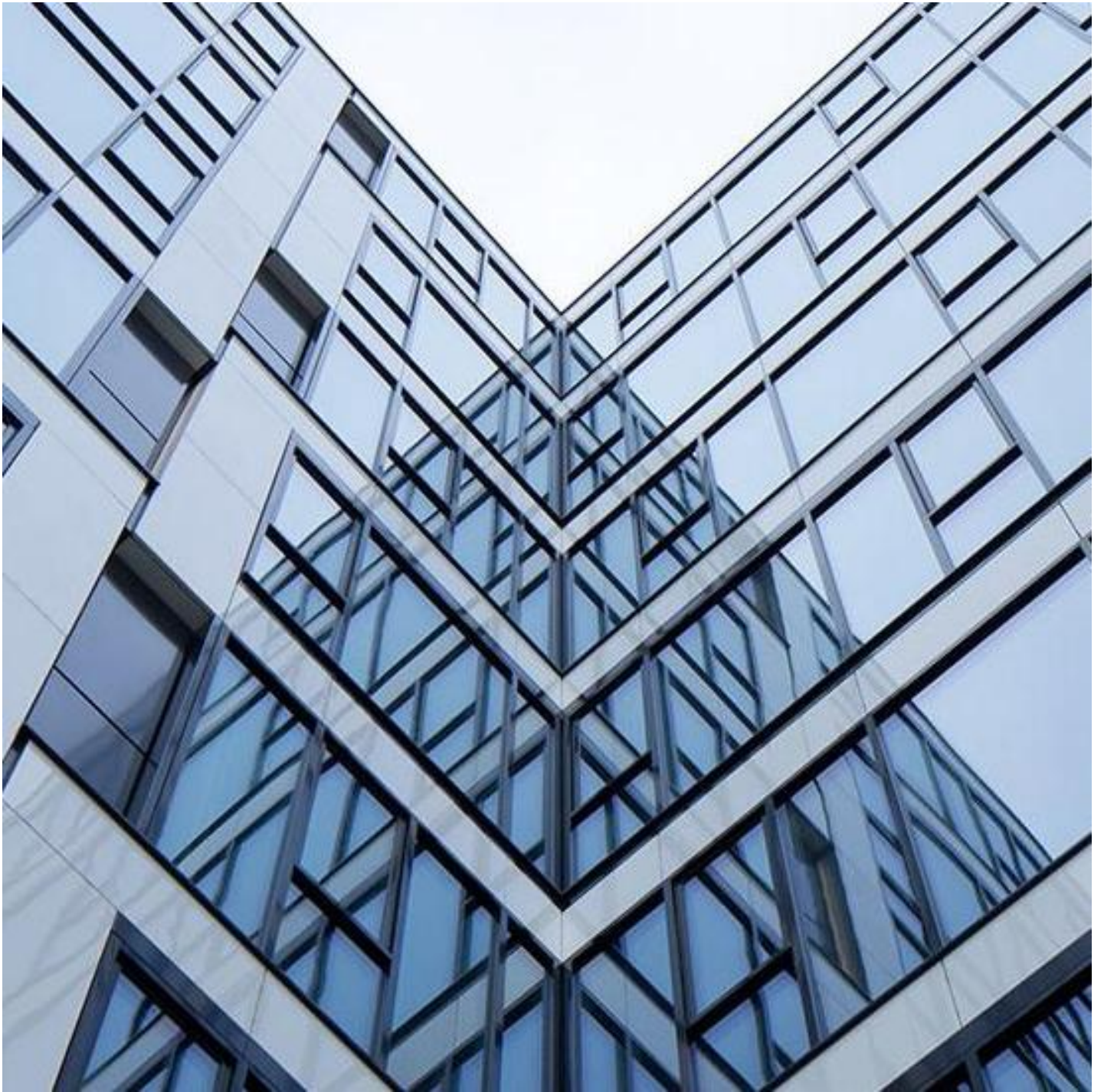
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