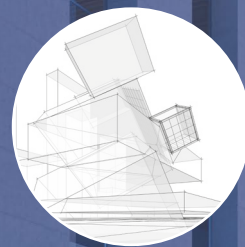




3DGLASS
PRESSGLASS TECHNOLOGY

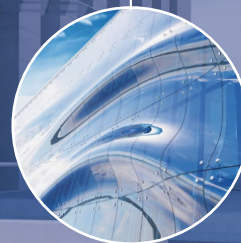


DIMENSIONS



DESIGN

3D GLASS
PRESSGLASS TECHNOLOGY



DISRUPTION

WHAT IS GREAT ARCHITECTURE ALL ABOUT?

What is great architecture all about?

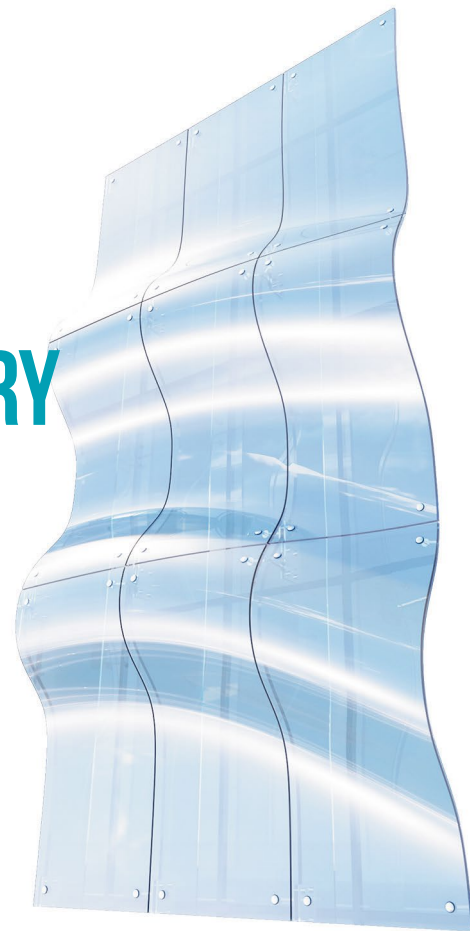
It's about freedom. The freedom to shape bold visions. The freedom to articulate those visions in every dimension.

Great architecture is the freedom to form in your mind and soul. In building materials. Freedom to form in glass.

OUR REVOLUTIONARY TECHNOLOGY.

Introducing 3D GLASS - a revolutionary, patented technology that lets you shape three-dimensional, smoothly changing glass surfaces and façades.

Thermally formed 3D GLASS fills the market gap of complex architectural glass forms built with geometrically varied elements.





NOW YOUR VISION BECOMES REALITY IN GLASS.

Glass surfaces and building façades can now be constructed with uniquely shaped glass panes – easier and faster than ever!

For lightweight-looking and sophisticatedly shaped constructions.

For modern curvilinear visions and parametric architecture.

For your braver, bolder, uncompromised vision.

Freedom to form.

www.pressglass.com/3dglass

GET INSPIRED WITH NEW GLASS SHAPING POSSIBILITIES.



ADD A THIRD DIMENSION TO THE GLAZING IN YOUR DESIGN

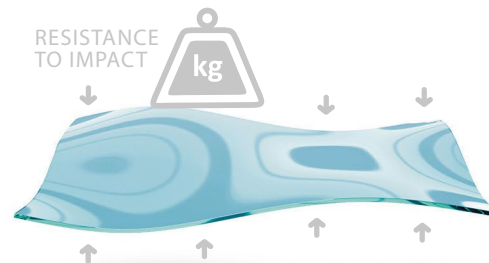


BETTER ACOUSTIC INSULATION

The irregular and curvilinear surface of façades using 3D GLASS improves the acoustic insulation of buildings, thanks to better dispersion of acoustic waves. The effect can be strengthened when 3D GLASS is used as a "second skin". The degree of acoustic insulation improvement depends on the designed shape of the glass.



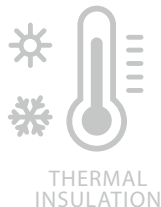
GREATER LOAD RESISTANCE



Well-designed shapes together with chemical strengthening greatly improve the rigidity of glass and its ability to transfer loads.

IMPROVED THERMAL INSULATION FOR SUSTAINABLE BUILDINGS

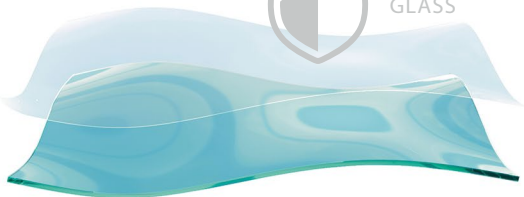
3D GLASS contributes to the sustainability of tall buildings by making heating and cooling more efficient. Using single or laminated glass panes with the newest high selective coatings and connecting them with spacer bars allows us to offer energy efficient double or triple glazed units, greatly improving the indoor environmental quality of buildings by reducing heat loss and limiting sun penetration.



THERMAL INSULATION



SAFETY LAMINATED GLASS



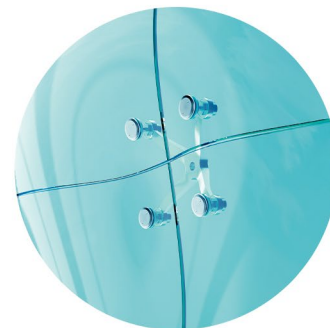
IMPROVED SAFETY

3D GLASS panes can be laminated with one another using PVB foil, making them safer. If a glass pane ever gets broken, it remains in position thanks to its integration with the foil.

NO VISIBLE CONSTRUCTION

3D GLASS panes can be equipped with glass holders (point clamps). These facilitate fixing a glass pane to the internal bearing structure of the façade or between the proper façade and the “second skin”.

PRESS GLASS recommends DOWSIL™ TSSA bonding by DOW.



POINT FIXED GLASS



CERAMIC OVERPRINT

AESTHETIC APPEARANCE, PRIVACY, AND WELL-LIT ROOMS

It is possible to print individual designs on 3D GLASS to make buildings look better, make glazed rooms more intimate, or control the amount of light penetrating specific rooms.



CONTACT US

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