



FITECHNIC

Silicon Glazing

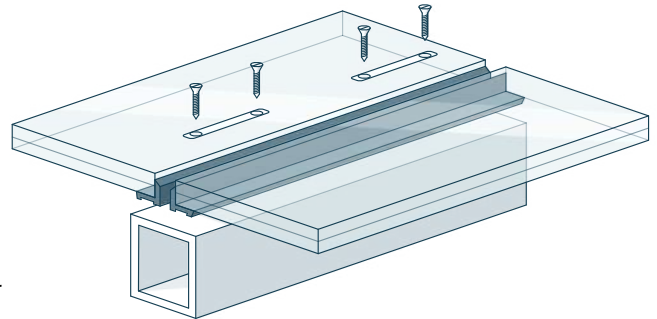
SILICON GLAZING

Curtain Wall Hybrid System

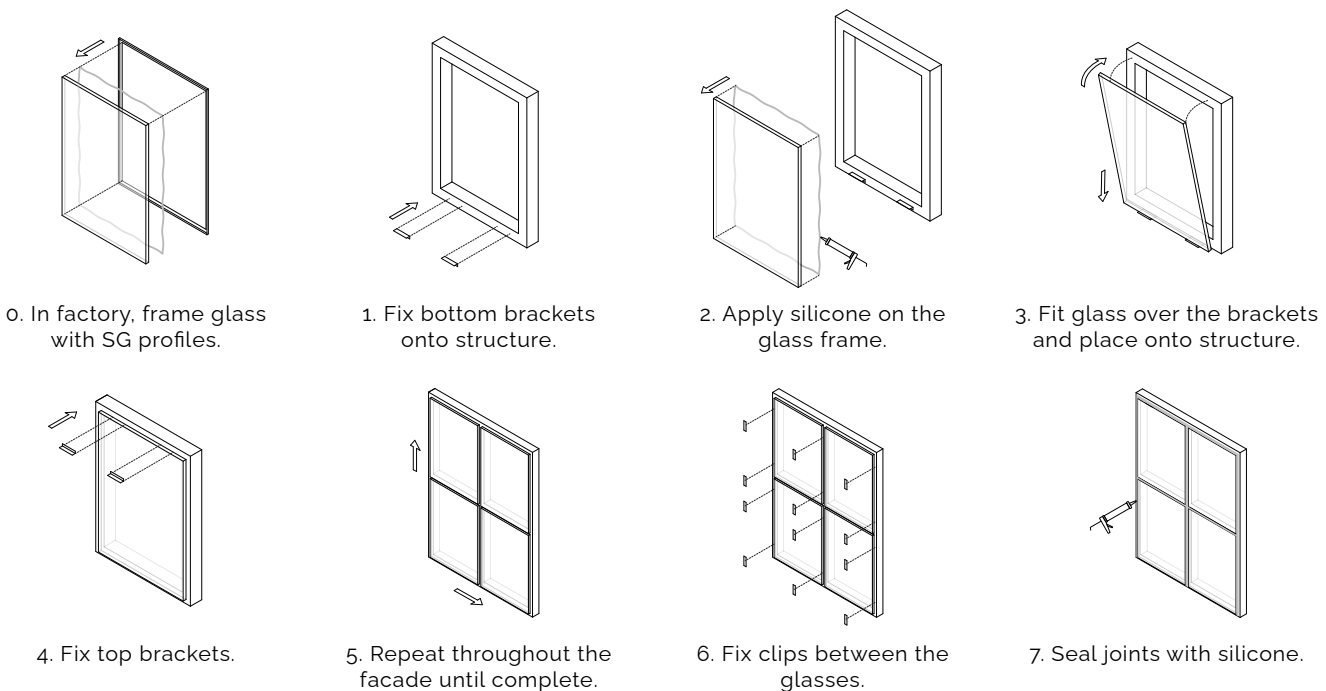
Silicon Glazing is a curtain wall hybrid system with double fixation:

- Hidden mechanical fixings
- Structural silicone

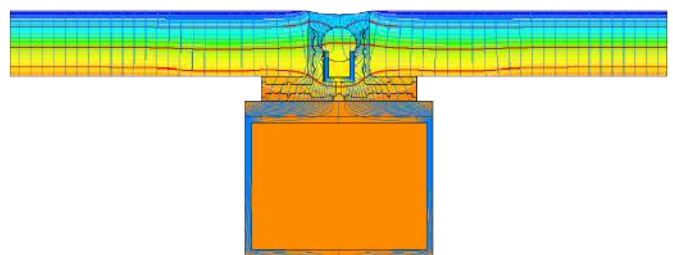
This system can be applied to any type of glass (double IGU, tempered, laminated, enamelled or common) and facade cladding materials (stainless steel, aluminium, stone, wood).



Step-by-step Diagram



- CE Marking / EN 13830
- ISO 9001 Quality Management
- Air permeability class: AE (* Max)
- Water tightness class: R750 (* Max)
- Wind load test: 2000 / 3000Pa
- Impact class: I5 / E5
- Ucw = from 1.0 W / m2.K



Silicone is a material of surprising versatility, capable of absorbing stresses and tensile strength, aging resistant, UV rays, high or low temperatures, chemical attacks, with durable stability and high hydrophobic capacity.

SYSTEM MODELS

SG 12

Single laminated or tempered glass for interior or exterior facade, roofing and canopies application.



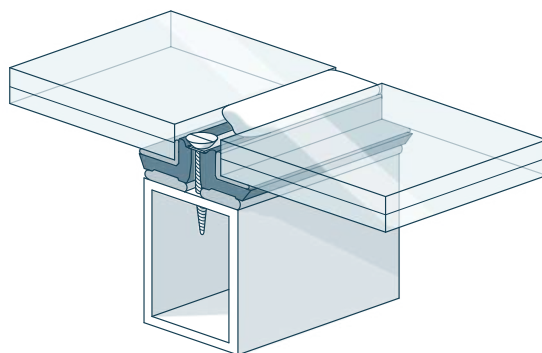
Clear
Finish



Structural
Glass



Easy
Installation



SG 22+

Double glazing glass for exterior facade and roofing application, with thermal breakage.



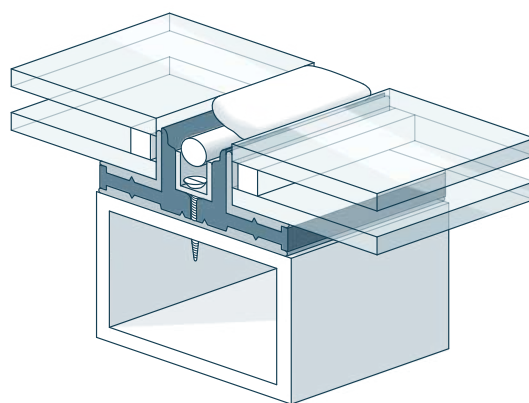
Thermal
Performance



Structural
Glass



Easy
Installation



Custom Projects

Special facades and roofs using SG12, SG22+ or other custom made HTV silicone profiles.



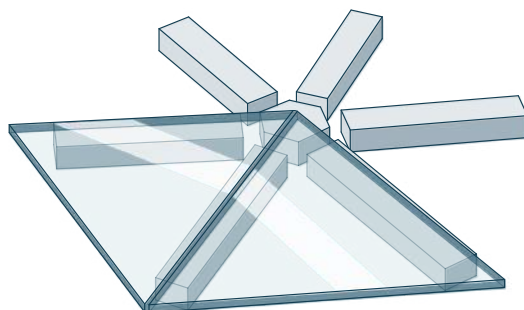
Complex
Structures



Custom
Made



Engineering



By framing the pieces at its edges, through an extruded profile of silicone rubber with specific hardness, color and chemical composition, we can obtain a strong and compact piece of precise shapes.

PROJECTS

SG 12



Altis Belém | Lisbon



Alves Martins School | Viseu

SG 22+



Moviflor Store | Madeira



Hernani Cidade School | Redondo

Custom Projects



Ílhavo Town Hall | Ílhavo



Torel Palace | Porto



Cruise Terminal | Porto Santo

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