



reddot design award
honourable mention 2010

GM BRACKET S
GM BRACKET P

GLASS EDGE SECURING SYSTEMS FOR FACADES

PRODUCT FLYER



PROFILE SYSTEMS

glas**marte**[®]

Technik in Glas



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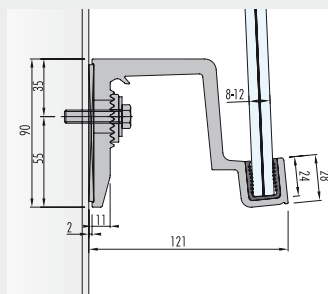
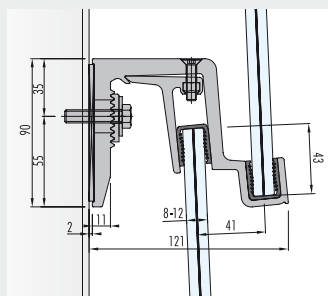
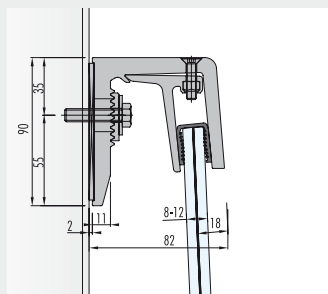
**MINIMISED, FUNCTIONAL
SECURING SYSTEMS –
THE PERFECT COMBINATION
OF DESIGN AND TECHNOLOGY.**



GM BRACKET S

GLASS EDGE SECURING SYSTEM FOR SCALED FACADES.

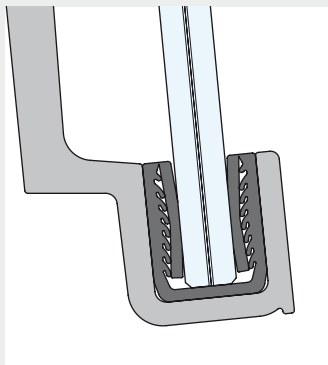
The GM BRACKET S was especially developed by Glas Marte Bregenz for simple and fast installation of scaled glass facades.
The securing system does not require any drilling or glass machining.



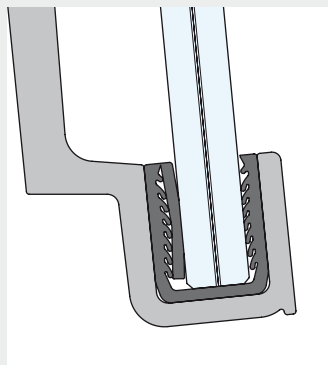
Simple and fast installation

Installation can be completed quickly and easily due to the small number of components required. The glass is adjusted and clamped in the bracket by the soft inlay and a special securing system.

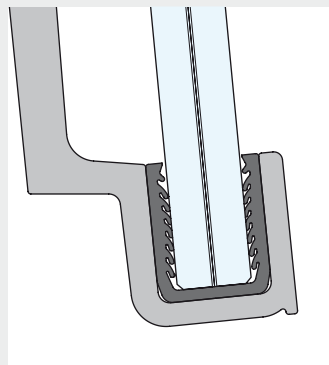
Glass thickness: 8 mm



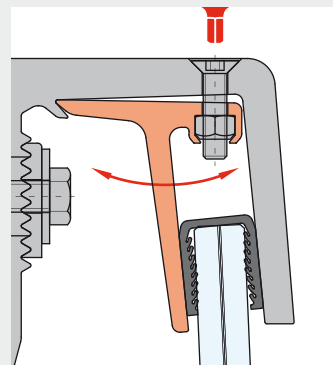
Glass thickness: 10 mm



Glass thickness: 12 mm



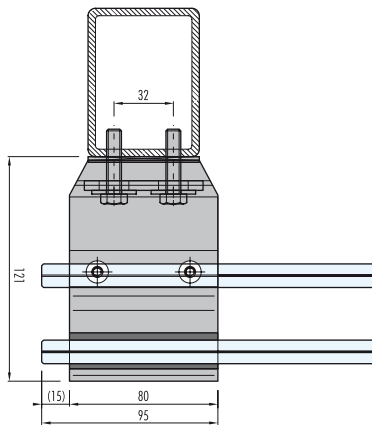
Clamping function





The GM BRACKET S system can be used on sub-structures such as wood, aluminium or steel profiles.

Possible applications: Can be used for curtain walls on buildings, glazing for arcades, stairways and car parks, for protection against the wind and weather, for ventilation and sun protection.



Maximum glass element sizes, single element brackets:

ESG-H 8 mm	2,000 x 600 mm*
ESG-H 10 mm	2,300 x 800 mm*
ESG-H 12 mm	2,500 x 1,200 mm*

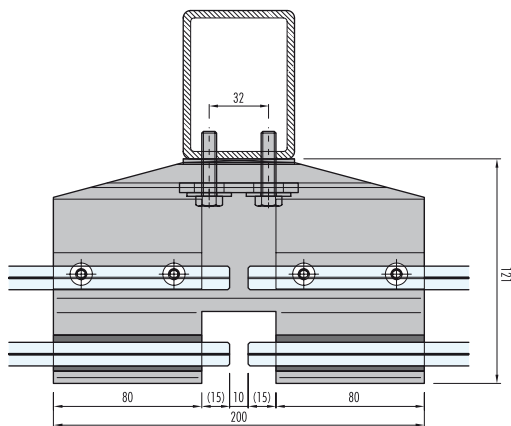
*at a wind force of 0.5 kN/m²

Maximum glass element sizes, double element brackets:

ESG-H 8 mm	3,200 x 900 mm**
ESG-H 10 mm	3,200 x 1,100 mm**
ESG-H 12 mm	3,200 x 1,500 mm**

*at a wind force of 0.75 kN/m²

Dimensioning of the glass thicknesses and sizes is facilitated by the existing static calculations of the securing system.



Technical data GM BRACKET S

Glass thickness: 8 – 12 mm

Glass types: ESG-H
ESG-H enamelled
VSG/ESG
VSG/ESG enamelled
VSG/TVG
VSG/TVG enamelled

Calculated wind forces: 0.5 kN/m² – 2.5 kN/m²

Basis for calculation: DIN 1055-1 ÖN EN 1990
DIN 1055-2 ÖN EN 1991-1-1
DIN 1055-3 ÖN B 1991-1-1
DIN 1055-4 ÖN EN 1991-1-4
ÖN B 1991-1-4

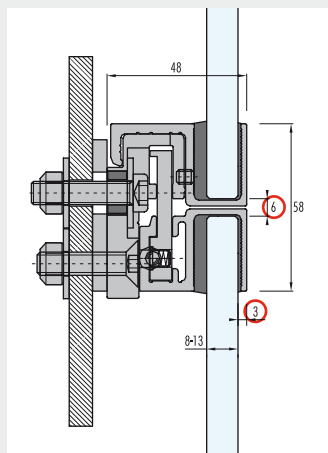
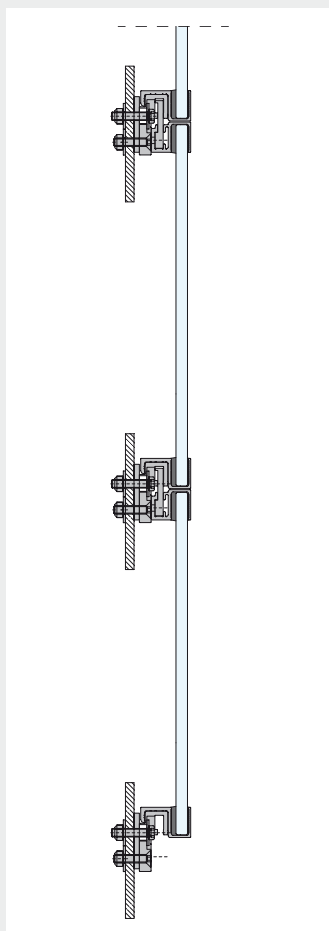
DIN 18516-1
DIN 18516-4

GM BRACKET P

GLASS EDGE SECURING SYSTEM FOR
FLAT FACADES.

GM BRACKET P is a discreet glass edge securing system for the fixture of glass elements. The system is designed for glass thicknesses of 8 to 12 mm. Due to the possible surface options (standard RAL coatings or eloxal coatings), the system can be colour-coordinated.

Possible applications: Glazed porches, stairways, arcades and other glazed applications.



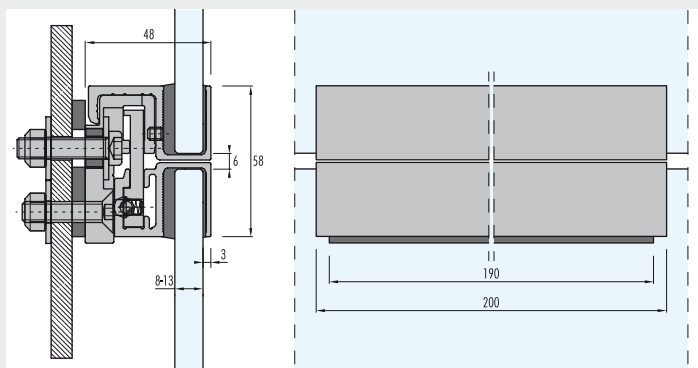
Appearance

- Joint width only 6 mm
- Flat glass surfaces
- Bracket overlap only 3 mm



Simple and fast installation

As the glass element edge is encompassed, it is not necessary to machine the elements in any way (e. g. drilling, cutting). The GM BRACKET P securing system permits fast and simple installation.



WELCOME TO GLAS MARTE



Special glazing situations require special system solutions:
In addition to the products shown here, Glas Marte also supplies other glazing systems.

Contact us! We would be pleased to advise you.
Visit our website at www.glasmar-te.at for further information.

Subject to technical modifications

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