

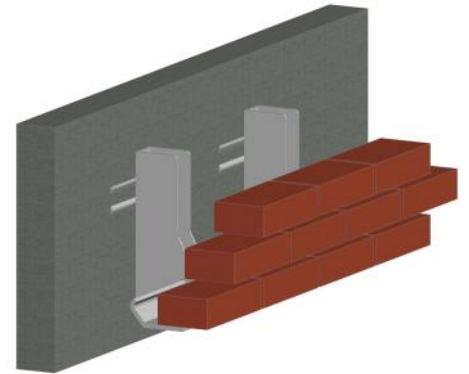
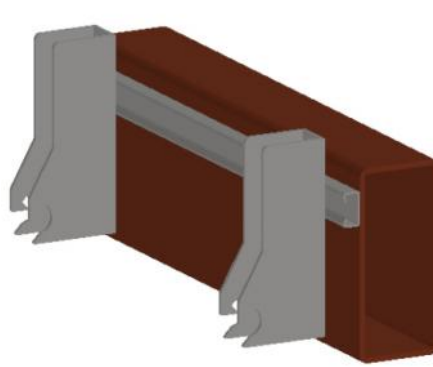
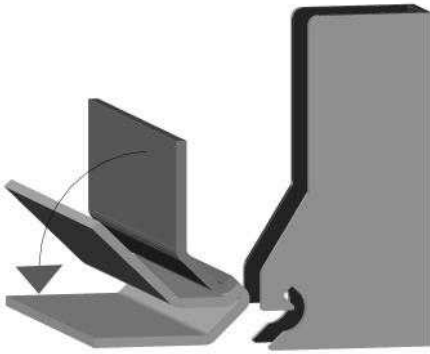


**GL LOCATELLI**  
Sistemi di ancoraggio

# Building construction

Brick support  
facades

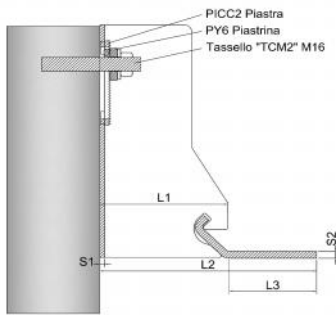




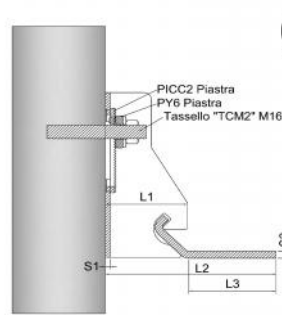
GL Brick is an approved system of brackets for the construction of facades and aerated coat, made of face bricks. The support system GL Brick is the result of a long experience in the market and advanced research with tests carried out at the laboratories of the prestigious Italian universities.  
The system shelf GL bricks Brick is

easy to use, positioned the wall bracket can make the adjustments to compensate for mistakes of implementation of the structures. You installed the bracket height adjustment via toothed slot. Lastly you need Rotate the support plate in the hollow bricks and GL Brick is laid.

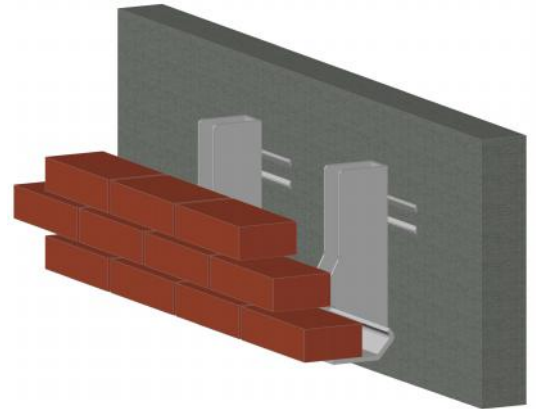
GL Brick can be installed on different types of structures: steel, wood, masonry blocks and of concrete elements, with the aid of suitable profiles anchor CE marked using metallic dowels. The system allows the adjustment in all three directions providing extremely precise positioning of the masonry.



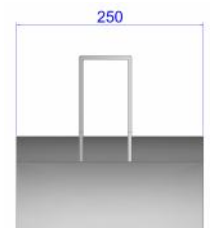
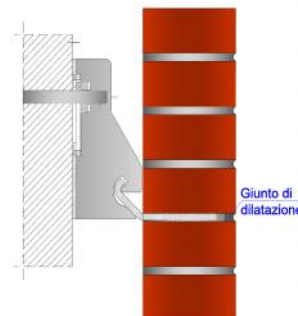
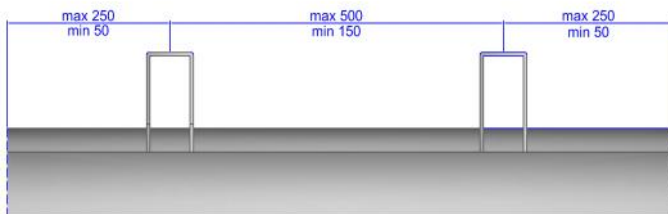
L5P6 - L6P8



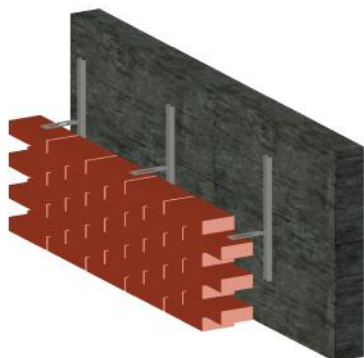
S5P6 - S5P8



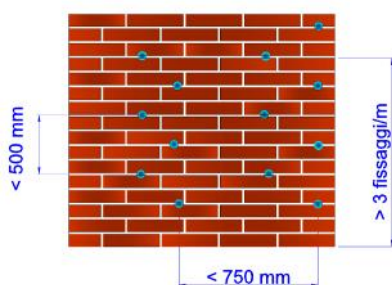
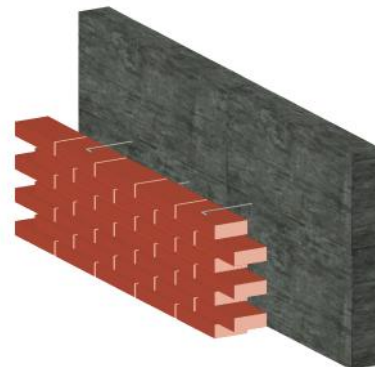
Tipologia	Dimensioni						Portata kN
	L1 (mm)	L2 (mm)	L3 (mm)	S1 (mm)	S2 (mm)		
L5P6	139±3	236±3	95±3	5+0,25	6+0,3	9,03	
L6P8	139±3	236±3	95±3	6+0,30	8+0,3	11,60	
S5P6	89±3	186±3	95±3	5+0,25	6+0,3	9,96	
S5P8	89±3	186±3	95±3	5+0,25	8+0,4	15,72	



GL Brick allows to realize infill with plates standard support (length 1000 mm) or to use support plates with lengths to size suitable for creating elements of completion as : parapets, coatings of areas of small dimensions, contours window, vaults.  
GL Brick in its production ranges, resolve any situation that may occur on site.  
GL Brick is tested for high loads, is able to withstand loads up to 15.72 kN equivalent to facades of 7 ml of height



The wind anchor system GL Brick are all made in stainless steel AISI 316 (A4) and offer maximum flexibility of installation. For a quick and reliable installation, we recommend the use of profiles anchor type GL1 or GP1, placed vertically in front of facade, able to accommodate the plates AP that connect the load-bearing masonry with brick facade. If there hasn't been predisposed these profiles, the bracing system is ensured by using of specially shaped retainers which are fixed to the rear structure by drilling and injection of chemical anchoring. All our systems wind anchor must be placed in the escape of this mortar between the bricks.



Indicazioni sul numero minimo di controventature da impiegare a mq		
Applicazione	Minimo di controventi a mq	Diametro
In the case of masonry with height greater than 12 m and distance between bearing element and masonry between 90 and 115 mm	5	4
In the case of distance between bearing element and masonry between 140 and 165 mm	7	4
In all other cases not covered by those identified above	5	3



AM04240A4

AM04240A4 wind anchor system used in the presence of load-bearing masonry is not ready. The elements in stainless steel AISI 316 (A4) are placed into holes previously made by drill and secured by anchoring chemical GLR400.



AZ04240A4

Wind anchor system AP03170A4 used with anchor profiles prepared behind the structure / masonry. The installation of the braces in stainless steel AISI 316 (A4) is so fast and accurate, ensuring maximum flexibility and precision in the execution of the facade.



AP03170A4

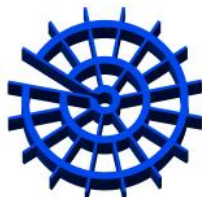
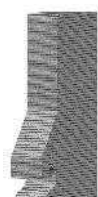
Bracing system AP03170A4 used with anchor profiles prepared in the structure / masonry behind. The installation of the braces in stainless steel AISI 316 (A4) is so fast and accurate, ensuring maximum flexibility and precision in the execution of the facade.

ACCESSORIES

Choice of typology

Optional

Insulation bracket      Drop break



Anchor channels

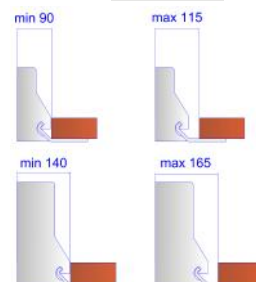
GP 54/33      GP 50/30      GP 40/223

Frd = 31,6 kN,      Frd = 17,2 kN      Frd = 11,1 kN



Distance from masonry	Height	Height
Insulation thickness + air tube mm	3,50 ml	7,00 ml

da 90 a 115	S5P6	S5P8
da 140 a 165	L5P6	L6P8



Supporti per facciate a mattoni Brickwork Support



**adermalocatelli** GROUP  
ANCORIAMO L'EDILIZIA AL FUTURO

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