

Porous model 1 screen type

Points about tile installation

[LAYOUT WITH ORIGINAL PCS PRIOR TO INSTALLATION]

Before placing and fixing pillars, check the pillar intervals with placing the actual pcs all the way down to the installation width. There are individual difference in size and shape due to ceramic article.

Horizontal direction

Fix pillars at center of the hole of the product (There is one hole in the middle part of product).
Generally, the pitch interval between pillars is the actual product width + 1-2mm(see Reference 1).
Place about 1-2mm space gap between the products side by side for product size allowance.

Vertical direction

The screen height differs from the screen design like Pattern A, Pattern C, and the mix design of Pattern A and C.(Recommend to use the elastic(flexible) tile adhesives)
In addition to the design, the individual difference in size and the thickness of adhesive will affect the screen height.The number of flat bars and its thickness will also make a difference.
Find any solution to adjust the top part of screen wall for some possible gap in advance.
*Fix the pillars with nuts and washers on top part makes the screen structure solid. Please consider the fixing method depending on the conditions of the project site.

[Assembly]

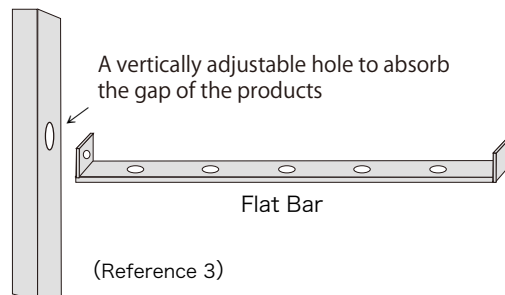
Set the product with the pillars through the hole.
Apply adhesive on the product where products touches for both upper and lower pcs.
Fill the adhesive in the gap between the pillar in the hole.
While bonding, be sure to adjust the position horizontally, vertically, front and back.
Using 10mm diameter pillars allows your adjustment easily(hole diameter 16mm, pillar diameter 10mm, clearance abt. 6mm). (see Photo 1, 2, and 3)

Piling up many pcs while adhesive is not harden enough, it will cause difficulty to set the horizontal level.

Recommend to have a sufficient tile to install as checking the total layout balance.
Be careful for the slide movement due to self-weight especially for the case of Pattern C.
(see Reference 2)

[Flat Bar]

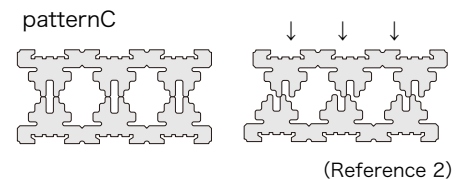
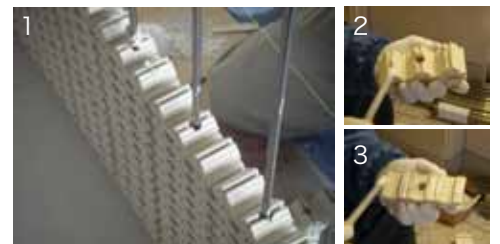
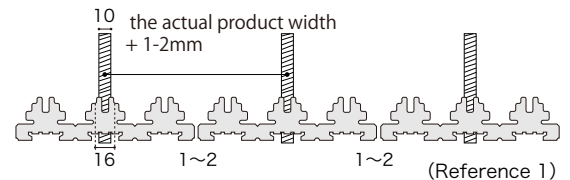
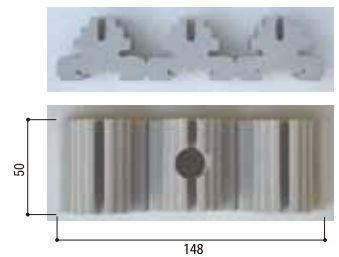
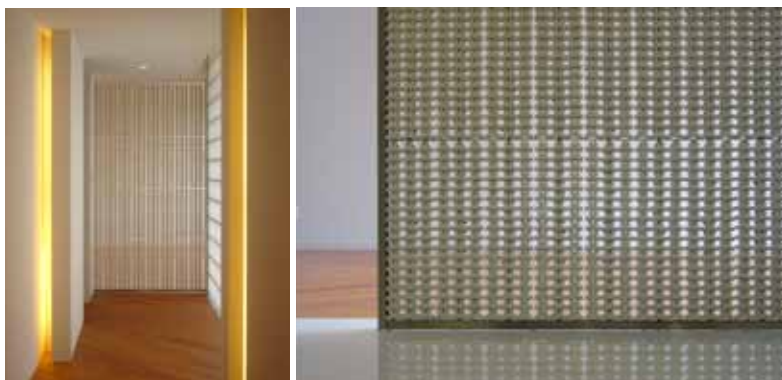
Use flat bars of 3-5mm thickness.
Apply flat bars horizontally for every 400mm to 500mm height.
Fix the flat bars to the frames of both right and left sides in order to enhance the stability of the screen with reducing the gap of the horizontal level. (see Photo 4)



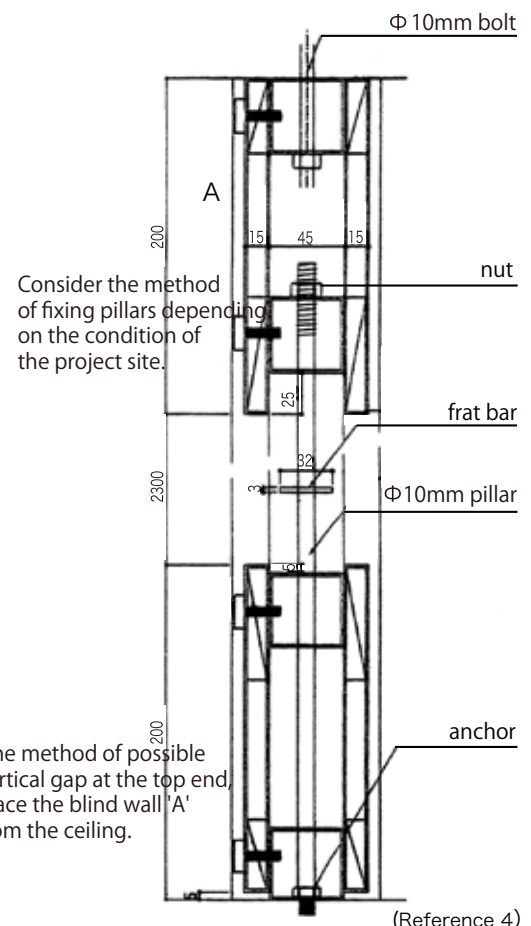
Flat bars, pillars, and surrounding frames are to be provided at every site.

[Reinforcement]

Side frames are necessary to be placed for both right and left sides.
For every 1,500mm horizontal intervals, an additional frames should be placed.



[Reference drawing of fixing pillars at top/bottom]



(Reference 4)