

ABSTRACT OF THE DISCLOSURE

A panel member mounting structure for a curtain wall has a frame body comprising a plurality of quadrangular frame sections defined by a plurality of mullions and a plurality of transoms. For each quadrangular frame section, a quadrangular gasket constituted of left and right vertical gaskets and upper and lower horizontal gaskets is applied. Each of the vertical and horizontal gaskets has a gasket main body and a mounting portion integrally formed with the gasket main body. The gasket main body has a panel member receiving groove defined by an interior side receiving piece and an exterior side holding piece integrally connected through a connecting piece and a hollow portion provided in the connecting area of the exterior side holding piece and the connecting piece and opening to the exterior side so as to make the exterior side holding piece deformable toward the exterior side. Zippers each having a pair of fitting projections integrally connected through a connecting plate are fitted between a pair of the hollow portions of horizontally adjacent vertical gaskets so as to joint and cover contact edges of the horizontally adjacent vertical gaskets and between a pair of the hollow portions of vertically adjacent horizontal gaskets so as to joint and cover contact edges of the

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vertically adjacent horizontal gaskets.

In the panel member mounting operation, first the quadrangular gasket is fitted to the mullions and transoms defining a quadrangular frame section in which
5 a panel member is to be mounted, and then the panel member is fitted in the quadrangular gasket by deforming the exterior side holding pieces of the vertical and horizontal gaskets toward the exterior side, or alternatively, the quadrangular gasket is first fitted
10 around the entire periphery of the panel member, and then the panel member having the quadrangular gasket fitted around the periphery is mounted onto the mullions and transoms. Next, in the condition that the panel member is temporarily being held by the interior side receiving
15 pieces and the exterior side holding pieces of the vertical and horizontal gaskets, the zippers are fitted to the gaskets. The zippers serve to prevent the deformation of the exterior side holding pieces of the gaskets to fix the panel member firmly, and to prevent
20 the penetration of rain water and so forth between the adjacent gaskets.