Claims.

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1.- Curtain wall (1) comprising of one or more mullion profiles (5) and one or more transom profiles (14) and panels (4) that fit with their edges (33,39,44) into the mullion profiles and into the transom profiles, wherein the one or more mullion profiles (5) extend vertically and are provided with an undercut groove (9,10) with a fixed width (A1) access opening (12) on two opposite sides, which grooves (9,10) form a rabbet in which the side edge (33) of a said panel (4) is fitted, wherein the one or more transom profiles (14) extend horizontally between two mullion profiles (5) and are fitted with their ends in the aforementioned grooves of these two mullion profiles, wherein a sealing piece (28,29) is provided on these ends of the transom profiles (14), forming a barrier for water, wherein the barrier is adapted to divert this water to a said transom profile (14) and wherein the transom profiles (14) are adapted to drain this water to the outside of the curtain wall (1).

2.- Curtain wall according to claim 1, characterized in that the transom profiles (14) are designed to drain said water to the outside of the curtain wall (1) because the transom profiles (14), or other profiles (15) attached to the transom profiles (14), are provided with drainage openings (24) for water, these drainage openings (24) being located at a distance from the mullion profiles (5).

3.- Curtain wall according to one of the preceding claims, characterized in that the transom profiles (14) are configured in such a way that the section (18) of the transom profiles (14) to which said water is diverted, is horizontal or slopes to the outside.

4.- Curtain wall according to one of the preceding claims, characterized in that the sealing is obtained by flexible plastic or rubber sealing pieces (28, 29) at the connection points between the transom profiles (14) and the mullion profiles (5), the shape of the mullion profiles (5) and the sealing pieces (28, 29) being adapted to each other, wherein the sealing pieces (28, 29) are arranged on the ends of the transom profiles (14).

5.- Curtain wall according to claim 4, characterized in that the sealing pieces (28, 29) are made in one piece.

6.- Curtain wall according to one of claims 4 or 5, characterized in that a sealing piece (28, 29) is provided at each of the two ends of the transom profiles (14), wherein at least one, and preferably exactly one, of the sealing pieces (29) of a transom profile (14) is slidable on the transom profile (14) in order to accommodate small movements.

7.- Curtain wall according to one of claims 4 to 6, characterized in that the sealing pieces (28, 29) are provided with two or more ridges (49), wherein the transom profiles (14) are provided with two or more chambers (23), wherein the position and size of the ridges (49) and the chambers (23) are adapted to each other in such a way that the ridges (49) fit into the chambers (23).

8.- Curtain wall according to one of claims 4 to 7, characterized in that the sealing pieces (28, 29) comprise a flat end wall (51) that is perpendicular to the profile direction of the transom profiles (14), wherein the end wall (51) is completely closed in the profile direction of the transom profiles (14) and the end wall (51) is resting against the bottom (9',10') of a groove (9,10) of a mullion profile (5).

9.- Curtain wall according to one of the preceding claims, characterized in that the mullion profiles (5) and the transom profiles (14) are composite profiles, each being composed of two or more sub-profiles (6,7,8,19,20,22), wherein the sub-profiles (6,7,8,19,20,22) are not necessarily made of the same material.

10.- Curtain wall according to one of the preceding claims, characterized in that the walls (26) of the undercut grooves (9,10) of the mullion profiles (5) are inseparably connected to each other.

11.- Curtain wall according to one of the preceding claims, characterized in that at least one of the two grooves (9,10) is sufficiently deep to allow a panel (4) to be first laterally inserted sufficiently deep with one side edge (33) in the groove (9) in question so as to subsequently permit to align the panel (4) with its other side edge (33) in front of the other groove (10) by rotation.

12.- Curtain wall according to one of the preceding claims, characterized in that the transom profiles (14) are formed by a Z-shaped profile with an upwardly directed leg (16) on the inside and a downwardly directed leg (17) on the outside which are connected to each other by a horizontal or slightly outwardly draining section (18).

13.- Curtain wall according to claim 12, characterized in that the transom profiles (14) are provided with a glass frame (15) that can be mounted from the inside of the curtain wall (1) and that, together with the upwardly directed leg (16) forms a rabbet (37) for the lower edge (39) of an upper panel (4).

14.- Curtain wall according to one of claims 12 or 13, characterized in that the mullion profiles (5) and the transom profiles (14) on the inside of the curtain wall (1) are provided with glazing beads (34,42,45) to secure the panels (4) from the inside.