



ESDOR® AUTOMATIC SLIDING DOOR ALUMINIUM UNITS

ESDOR DESIGN

Esdor® aluminium door units developed through the experience in Aluminium Construction systems for years, since all their details have been solved, are the original and economical designs which enjoy aesthetic construction and can be easily manufactured and mounted. The units have been developed so as to operate for many years without deforming.

ES 30 SLIDING DOOR UNIT

1. Perpendicular profile : Front view 30 mm, depth 34 mm, thickness 2-2,5 mm. ES 30 is supplied with rounded edges, so it seems oval from the front. That is why it has an aesthetic construction.
2. Horizontal profile : Front view 50 mm at the top and 80 mm at the bottom, depth 24 mm and thickness 2 mm. No need for other connecting elements due to there are 2 screw grooves on it. With its special design, horizontal profiles are prevented from turning.
3. Glass groove 20 mm and the glazing from inside and outside with EPDM rubbers without glass profiles. Using different rubbers, glazing can be performed with 6, 8 and 10 mm thick glass.
4. In the middle joints, with 2 specific EPDM middle rubbers facing one another ensures the suspension and isolation.
5. In the side joints, isolation is provided by specific joint rubbers.
6. The sliding leaves are mounted to the carrier wheels by means of special suspension profiles and apparatuses. Fixed leaves are also easily mounted by means of adjustment apparatus.
7. There are bottom guides (left and right) to ensure the leaves to slide. The bottom guides are made of aluminium apparatus and polyamide to be prevented from oxidation.
8. The side and floor joints are made by U profiles, dimensions 20x15x2 mm.
9. For the mechanism to be mounted, there are special design EWS-UWS mounting profiles. The height of the mounting profile is 121 mm, that of the mounting profile UWS is 169 mm. In the interior part of the mounting profile EWS, there is a rail groove on which the rail is putted and a groove for isolation rubber. In case three is space over the door installation space, it can be covered as fixed by adding profiles to the upper side of the door.

