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Rolling Roof

Open / Close



Rolling Roof



TECHNICAL PROPERTIES OF ROLLING ROOF BIOCLIMATIC, AXIAL AND MEASURED CEILING SYSTEM

Rolling Roof is a roof system of aluminum panels that can be rotated about 105 degrees around its own axis and has bioclimatic features.

The system has high insulation performance in insulation due to its airtight sealing systems.

Snow load carrying capacity can go as high as 235 kg per sqm depending on the dimensions.

Wind resistance of the product can reach up to 123 km / h depending on its dimensions.

The system is capable of axial operation and retractability. Since it works axially, it can be opened up to 105 degrees. When the system is retracted, an opening of 70% is created.

In rainy weather, when the system is open between 1% and 4%, it provides interior ventilation without water seepage.



References



It is very comfortable to use with safe and modern accessories.



Flat roof design without any slope thanks to the axial opening system, it can air ventilation without rain.



References

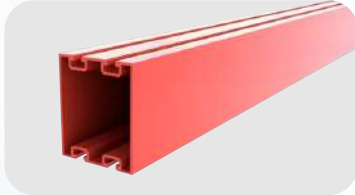
High insulation values thanks to its precisely dimensioned design.



It is a very common and stylish window type in various European countries.



Technical Features



FRONT HORIZONTAL & PANEL & INSULATION DETAILS & PIPING

Sizes: 100 mm X 120 mm, wall thickness: 3 mm, has horizontal and vertical resistance federations with internal chamber



MOBILE PANEL

The ceiling of the product consists of folding panels. The panels are 280 mm x 20 mm in size and they move at an angle of 105 degrees in their respective axes. Panel section is in detail. The detents on the back of the panels prevent the materials that could be caught on the panels from falling down (indoor) during the roof opening movement.



PILLAR

The product is carried on aluminum posts with dimensions of 100 x 110 x 3 mm. Flange and ground connection details of aluminum struts are done in accordance with the detail drawing specified in the project.



ISOLATION

The optional polyurethane foam or styrofoam panels can be filled.



WATER DRAINAGE

The rain water pouring into the upper panels is transferred to the right and left internal water channels, and the water placed in front of the uprights is evacuated in a controlled manner.



INNER WATER CHANNEL

It is designed to ensure the perfect water flow between the system. In the case of windy rainfall, rain water is prevented from dripping into the interior if reverse pressure is applied. With this feature, water never pressures downwards and drains the water into the lower stage in a controlled manner.



ENGINE AND CONTROL SYSTEM

There are different motors on the system for different movements. The BIBUS linear motor for the axial movement of the panels and the MOSEL tube motor in the back collect is used. These motors operated synchronously by a single automation box. Somfy or Becker motor can be used for an extra charge.

Colour Options

PAINT

·The product is painted with electrostatic powder furnace showing high resistance to the harmful effects of sunlight and corrosion to the outdoor conditions.

·Products will be painted according to the desired RAL code in color.

·The aluminum profiles used are electro galvanized and inox metals.

1000	1001	1002	1003	1004	1005	1006	1007	1011	1012	1013	1014	1015	1016	1017	1018	1019
1020	1021	1023	1024	1027	1028	1032	1033	1034	2000	2001	2002	2003	2004	2008	2009	2010
2011	2012	3000	3001	3002	3003	3004	3005	3007	3009	3011	3012	3013	3014	3015	3016	3017
3018	3020	3022	3027	3031	4001	4002	4003	4004	4005	4006	4007	4008	4009	4010	5000	5001
5002	5003	5004	5005	5007	5008	5009	5010	5011	5012	5013	5014	5015	5017	5018	5019	5020
5021	5022	5023	5024	6000	6001	6002	6003	6004	6005	6006	6007	6008	6009	6010	6011	6012
6013	6014	6015	6016	6017	6018	6019	6020	6021	6022	6024	6025	6026	6027	6028	6029	6032
6033	6034	7000	7001	7002	7003	7004	7005	7006	7008	7009	7010	7011	7012	7013	1015	7016
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7043	1044	1045	7046	7047	8000	8001	8002	8003	8004	8007	8008	8011	8012	8014	8015	8016
8017	8019	8022	8023	8024	8025	8028	9000	9001	9002	9003	9004	9005	9010	9016	9017	9018



LIGHTING

Lighting is not included in our system. There are channels to be applied easily on the system for Lighting and Led light systems.



GUARANTEE

The product is guaranteed for 2 (two) years against assembly and material defects.