

Types of thermal insulation and material combinations



	ASS 77 PD.SI	ASS 77 PD.HI	ASS 77 PD.NI	ASS 77 PD.HI manual
U_f values	From 1.2 /(m^2K)	From 2.4 W/(m^2K)	From 5.8 W/(m^2K)	From 2.8 W/(m^2K)
U_w values	From 0.85 W/(m^2K)	From 1.0 W/(m^2K)	From 1.9 W/(m^2K)	From 0.96 W/(m^2K)
Material	Glass fibre-reinforced plastic profiles	Aluminium profiles and plastic bars	Aluminium profiles	Aluminium profiles and plastic bars
Opening types	2A, 2A/1, 2B, 2D, 2D/1	2A, 2A/1, 2B, 2D, 2D/1, 3E/1, 3F, 90° Ecke	2A, 2A/1, 2B, 2D, 2D/1	2A, 2A/1, 2B, 2D, 2D/1, 90° Ecke
Watertightness	Up to 7A	Up to 9A	Up to 6A	Up to 8A

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SYSTEM UPDATE NOVEMBER 2017

Product news
Schüco ASS 77 PD

Exclusive aluminium sliding system with panoramic design

SCHÜCO

The latest Panorama Design generation

With narrow face widths and a concealed outer frame, the ASS 77 PD Panorama Design system creates maximum transparency. It can either be operated manually or with electronic control. The whole system offers even more flexibility and reliability in planning, fabrication and installation. The ASS 77 PD sliding system has been awarded the Swiss Minergie certificate.

We are delighted to present this product news to you, containing the most important information about the new generation of the sliding system.

If you have any questions or require further information, please do not hesitate to contact your Schüco Area Sales Manager.



The new features at a glance

Manual	Mechatronic
Greater scope	**New drive**
 ▪ Opening 90° corner, as inner and outer corner	 ▪ The new horizontal drive allows the use of the 90 mm outer frame on the side as well as in the base point
Greater load-bearing capacity	**New security options**
 ▪ Vent weight up to 500 kg	 ▪ Constant monitoring of opening and the installation of glass breakage sensors is possible
Greater security	**New processing options**
▪ Optional RC2 fitting on request for opening types 2A, 2A/1, 2D, 2D/1 and 2B. For more information, see the corresponding test certificates	 ▪ Additional connecting and extension cables and clear documentation of the laying positions make cable laying simple and easier

We support you – every step of the way

Training/certification

We have developed a certification programme for you that provides you with in-depth training in working with the ASS 77 PD Panorama Design system. It offers several benefits for you.

- **Exclusivity:** You can only fabricate the product if you have the ASS 77 PD certificate
- **Qualification:** The knowledge you acquire will give you a specialist competitive advantage in the luxury residential and commercial market
- **Differentiation:** The qualification with certificate is proof of your active professional development and will make you stand out positively from your competitors in the market

Still not certified?
Find out more about participation requirements and registration at **www.schueco.de/training**

Planning

Comprehensive planning documents

- **Document No. 1** – Planning guidelines for architects and developers
- **Document No. 2** – Planning documents for metal fabricators
- **Document No. 3** – Works planning for metal fabricators
- **Document No. 4** – Operating instructions for end customers
- **Document No. 5** – Maintenance instructions
- **Document No. 6** – Manufacturer's checklist
- **SchüCal software:** Simple configuration of versatile unit types with direct transfer of the data for machine control
- BIM objects available

In addition, our early project consultation by the Schüco consultant for architects and investor secures key project information for metal fabricators.

Ordering

Schüco Docu Center: Here you can find our comprehensive order manual 1-5 B, including information on ordering glass. **SchüCal and SchüCam software** offer you extensive options for unit calculation and machine control.

www.schueco.de/docucenter

Our employees are happy to help you with any general questions about the ASS 77 PD system. Send an e-mail to **ass77pd@schueco.com**.

Fabrication

Please note the following prerequisites for workshop equipment:

- Programmable processing centre
- Saw cuts with a cut surface of up to 300 x 150 mm
- Sufficient floor space and room height for bonding vents/panes
- Handling of glass panes and vents up to 400 kg is possible (crane: mobile lifting crane with suction cups)
- A qualified electrician or VDS specialist is required for the mechatronic option (glass breakage sensor)

The service we provide

- Initial training by Schüco Technical Customer Services
- Schüco fabrication: Support with application-specific workshop equipment
- Documentation: Fabrication manual 1-5 with detailed fabrication drawings
- and fabrication animations can be found at **www.schueco.de/docucenter**

Installation

- Attachments to building structure and adjustment devices for optimum connection to the building structure and a subsequent adjustment option
- Small installation depth with 90 mm outer frame on the side and in the base point (for manual, optional 58 mm on the side)
- Intelligent drainage solution for controlled drainage of water

+ Marketing and sales support

- Images for your own advertising
- Advertisement templates for your local daily paper advert
- Videos for your showroom
- Brochures
- Find out more at **www.schueco.de/cmc** in the Partner Campaign area