

## **Roto Patio Inowa**

Perfect for sliding windows in schools



## Roto Patio Inowa

Intelligent hardware for tightly sealed sliding systems

### **Plan for learning success intelligently through architecture**

Sliding windows are an intelligent solution, especially for the ground floors of schools, and not only when efficient natural ventilation is called for. They also offer a host of design benefits and advantages for their operation – regardless of format and weight.



## **Sliding is the smart opening type**

Conventional windows are tilted and / or turned to open them. However, the turned open window sash protrudes into the room, leading to some disadvantages and even dangers: the window sash is an obstacle when walking past the front of the window, it gets in the way when sitting in the immediate vicinity of the window and takes away the often important storage space on the window sill.

## **We understand sliding technology**

The sliding window sash can be opened and closed easily and intuitively thanks to its construction on roller bearings and its innovative closing movement perpendicular to the frame profile. Locking is convenient and requires little force. The handle can also be positioned horizontally at the bottom of the frame. An insect screen and fall protection can be integrated.

## **Roto Patio Inowa is setting new standards**

The hardware remains reliably tightly sealed, even in bad weather conditions with storms and heavy rain. No draughts can be felt, no sashes slam open and closed. Its circumferential gasket, combined with the active locking points in the mullion, prevents the ingress of air and rain. The gasket and locking point play an active role in saving on heating and air-conditioning costs. With the appropriate system design, they also provide permanent protection against outside noise – ideal for construction projects in residential areas, near roads or airports.

## **Safe and durable, even during everyday use in schools!**

The SoftOpen and SoftClose comfort functions ensure controlled opening and closing of the sliding windows. The resulting gentle sash movement helps to make the window elements more long-lasting – this is an important aspect as they are used by different groups of people on a daily basis who do not necessarily operate them with care.

## **Features**

- Space-saving sliding elements made from aluminium, PVC, timber and timber / aluminium
- Sash rebate width from 710 to 2000 mm, sash rebate height from 600 to 2500 mm, maximum sash weight up to 250 kg depending on the system
- Sealing: air permeability class 4 (DIN EN 1026 / 12 207)
- Driving rain impermeability: class 9A (DIN EN 1027 / 12 208)

The burglary inhibition in accordance with RC 2 and the accessibility in accordance with DIN 18040 make the system the ideal solution, including for use as a sliding door leading to the outdoor area.

## **Video of Roto Patio Inowa**

<https://youtu.be/SOMSWLdBxiM>





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