

## Press release

**Date:** 15<sup>th</sup> January 2024

Quality from Roto: turn restrictors for durable aluminium windows / ift Rosenheim: special solutions successfully tested in accordance with DIN EN 13126-5, application 5 / 6 / Corrosion protection class 5 in accordance with DIN EN 1670 / Roto Object Business provides project-specific advice / Entire product range showcased on the manufacturer website

### **Tested variety: turn restrictors from Roto**

*Leinfelden-Echterdingen* – An increasing number of specifications call for manufacturers of aluminium windows to supply windows or ventilation flaps with a tested turn restrictor. Fabricators who work with the proven “Roto AL” and “Roto AL Designo” hardware product ranges benefit from a constantly growing selection of robust turn restrictors which are also suitable for windows in public buildings and in rooms where the users are constantly changing, such as hotels and hospitals. Even the restrictors from the standard range can be used in a wide variety of applications. An informative [presentation of the turn restrictor portfolio](#) is now available in the media portal of Roto Fenster- und Türtechnologie.

### **Standard and special solutions**

If a customer has a specific requirement for turn restriction which cannot be covered with products from the standard range, the experts from the Roto Object Business look into the possibility of alternative solutions. When doing so, they can use various special turn restrictors which have already successfully undergone a component test in accordance with DIN EN 13126-5, application 5 / 6, at ift Rosenheim. These turn restrictors and their range of applications are also showcased in the digital presentation.

### **Project-specific service**

On request, the Roto Object Business assists aluminium window manufacturers with design and prototyping, through to on-time delivery and installation of building elements. The team of experts develops an optimised turn restriction solution for any profile system, depending on the sash width and depth, the required turn width and the general conditions on site. The aim of the product development process is to achieve optimum operating convenience, an appealing design and the highest standards of security.

### **Reliable protection**

Turn restrictors protect the hinge side against damage caused by hitting the reveal or uncontrolled sash movements due to draughts or operating errors. This extends the service life of windows. Using turn restrictors significantly reduces the maintenance and repair work required. At the same time, turn restrictors from Roto meet the highest standards of corrosion protection. Versions are available with and without brake, damper and stop function, with lockable stop function, with stop which can be moved beyond, or an end stop with rubber buffer, while a very short variant can be supplied for ventilation flaps.

Since Roto turn restrictors can always be used on the left or right, they require less storage space and reduce the workload for factory logistics in window production. The detailed documentation provided by the manufacturer helps to install the restrictors efficiently and safely. These are usually clamped into the profile instead of being screwed in.



The perfect turn restrictor for every aluminium element: Roto offers a constantly growing range which is the focus of an [informative presentation](#) now available in the manufacturer's media portal. Versions from the "Roto AL" standard range and many special solutions which have already successfully undergone a component test in accordance with DIN EN 13126-5, application 5 / 6, at ift Rosenheim are showcased here.

**Image:** Roto Frank Fenster- und Türtechnologie

**Roto\_AL\_turn\_restrictor\_1.jpg**



This clampable damped / braked "Roto AL" turn restrictor is designed for inward opening windows and is suitable for sashes weighing up to 200 kg. It is available at short notice as it is part of the standard range. turn restrictors from Roto meet the requirements of corrosion protection class 5 in accordance with DIN EN 1670.

**Image:** Roto Frank Fenster- und Türtechnologie

**Roto\_AL\_turn\_restrictor\_2.jpg**



The specialists from the Roto Object Business advise aluminium manufacturers and specialist planners regarding the use of the “ELA” turn restrictor which locks in the end position, for example. Based on the window width and depth, they assess hardware solutions for their technical feasibility, adapt standard products to the specific property and visualise the hardware. System tests can be performed in the Roto test laboratories.

**Image:** Roto Frank Fenster- und Türtechnologie

**Roto\_AL\_ELA.jpg**



Josef Gartner GmbH from Gundelfingen supplied the 1100 aluminium windows, together with the facade, for the “MainTor Porta” high-rise, designed by KSP Jürgen Engel Architekten and situated on Weißfrauenstraße in Frankfurt. The windows feature Tilt&Turn hardware from the “Roto AL Designno” range and an extremely easy-to-use turn restrictor.

**Image:** Roto Frank Fenster- und Türtechnologie

**MainTor\_Porta.jpg**

**Publisher:** Roto Frank Fenster- und Türtechnologie GmbH • Wilhelm-Frank-Platz 1 • 70771 Leinfelden-Echterdingen • Germany • Phone +49 711 7598 0

**Point of contact:** Sabine Barbie • [sabine.barbie@roto-frank.com](mailto:sabine.barbie@roto-frank.com) • Phone +49 7598-2514