**Press release**

**Date:** 11th November 2019

PVC sliding systems: Roto hardware technology enables RC 2 compatibility / “Patio Inowa”: new strikers for mullion / Double the added value: greater security,outstanding tight sealing / “Roto Con Orders”: conveniently determine data for positioning online

**PVC sliding systems at RC 2 level**

***Leinfelden-Echterdingen – (rp)*** Certainly even easier to sell thanks to the added security: the “aluplast smart-slide” and “Gealan Smoovio” PVC sliding doors have achieved resistance class RC 2 in accordance with DIN EN 1627 with hardware from Roto. According to the producer, the effective burglary inhibition certified by an independent test institute is based in both cases on new strikers for the mullion, among other features. The additional locking points come from the “Patio Inowa” range and are precisely tailored to the PVC profiles of the cooperating manufacturers.

This is complemented by the particularly tight sealing. “The smart sliding system with the sophisticated locking mechanism is now even more attractive for window manufacturers and builders who, despite complete insulation against wind, weather and sound, aren’t willing to accept any compromises on handling, appearance and security,” highlights Roto Product Manager Aleksander Vukovic.

The “sophisticated interplay” between the profile and hardware is also retained thanks to the additional strikers. This is also important because the innovative mechanism ultimately forms the basis for the smooth automatic retraction of the sash and therefore plays a crucial part in the convenient operation of even heavy sliding doors. The locking points on the four sides of the frame are controlled by the handle only, for example.

The new security components are universally suitable for all profile materials. The quantity required for RC 2 technology depends on the format. For a 2.40m-high element, for instance, Vukovic recommends two strikers for anti-pushback function and three mullion strikers. As the Product Manager sums up, one practical feature is that the data for the precise positioning of the strikers can be determined online using the “Roto Con Orders” hardware configurator and also exported to various window construction software systems.

**Captions**

New strikers for the mullion from the product range of the innovative “Patio Inowa” sliding system enables effective burglary inhibition at RC 2 level, even for PVC sliding doors and windows. An independent test institute has now certified this, reports Roto.

**Photo:** Roto **Roto Patio Inowa mullion strikers.jpg**

The “sophisticated interplay” between the hardware and profile makes operation safe and convenient: the locking points in this PVC sliding system that are designed with components from the “Roto Patio Inowa” product range are controlled by the handle only on all four sides of the frame.

**Photo:** Roto **Roto Patio Inowa locking points.jpg**

Certainly even easier to sell thanks to the added security: the “smart-slide” PVC sliding door now also impresses with RC 2 technology. The basis of the increased mechanical burglary inhibition in accordance with DIN EN 1627 includes the newly developed “Patio Inowa” strikers for the mullion. According to Roto, window manufacturers therefore also benefit from the precise coordination of profile and hardware as a result of the collaboration between aluplast and Roto.

**Photo:** aluplast/Roto **sliding system aluplast smart slide.jpg**

The “Smoovio” sliding system makes it possible to use the space in front of windows efficiently, without having to compromise on tight sealing. The solution, which is based on collaboration between PVC profile specialist Gealan and Roto, now boasts successful RC 2 certification in accordance with DIN EN 1627. New “Patio Inowa” strikers for the mullion were among the components that were crucial in achieving this.

**Photo:** Gealan/Roto **sliding system Gealan Smoovio.jpg**

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