

Press release

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Easy-to-install drop down seals for exterior and interior doors / Deventer with restructured product range / A solution for every frame material / Also for balcony doors with a 12 mm groove / Consultation in the "Roto City" at "BAU" 2025 / "Perfect match": hardware, threshold and drop down seal from one provider / For better sealing against driving noise, smoke and sound

Compact product range: Deventer drop down seals

Leinfelden-Echterdingen – Renowned manufacturers of interior doors have been using drop down seals from the Deventer Group for years now, especially to attain their sound insulation and fire protection objectives. At "BAU" in Munich, the company will be showcasing interesting solutions for exterior doors with a 12 mm profile groove. They have been tailored to the proven thresholds of Roto Frank Fenster- und Türtechnologie GmbH (Roto FTT), of which Deventer is a subsidiary. Jürgen Daub, Head of Range Marketing at Deventer, describes the new additions: "Our product range now includes seven easy-to-install drop down seals for durable interior and exterior doors. We believe three of these seals make the perfect addition to balcony doors in order to protect against driving rain."

Proven technology now also for balcony doors

The "DDM 1212" drop down seal, with its minimal installation height of just 12 mm, and the "DDS 1220" and "DDS 1230" self-regulating drop down seals are of particular interest to fabricators of Roto hardware and thresholds. These three products for greater protection against driving rain and draughts can also be installed in window profiles with a 12 mm groove and are simply screwed in from below.

"The tests that we performed yielded such unequivocal results that we advise our customers to use Deventer drop down seals to improve the performance of doors with a very flat threshold or zero threshold," confirms Eberhard Mammel, Director of Marketing and Product Innovation at Roto FTT.

For good design and simple installation

An entrance door with the "DDS 1220" drop down seal will be on show at "BAU" in Munich. This exhibit also demonstrates how the fact that mounting brackets aren't required for Deventer self-regulating drop down seals offers various benefits. All that can be seen of the "DDS 1220" drop down seal on the exterior door is a premium aluminium track, which covers the black PVC seal. There is no need for visible metal or PVC brackets to protect against damage to the frame profile. This also enhances the door design.

But there is another benefit of doing away with mounting brackets: "If the drop down seal is installed behind a lock faceplate or hardware faceplate, like in the case of the exhibit prepared for Munich, there's no room at all for mounting brackets," explains Jürgen Daub. The installation technology of the "DDS 1220" also makes it an attractive solution for door manufacturers.

The release mechanisms on the Deventer drop down seals either have a slightly raised, rounded shape or are flat and sit on a spherical head. They ensure that the seal is released reliably and without causing damage when the door is closed. If the seal is set correctly, the door will not

scrape, even on the most delicate types of flooring. Deventer does not recommend using a drop down seal on carpets.

Quicker adjustments with single-sided release

The lowerable Deventer drop down seals usually only have single-sided release, which makes it easy to crop them to size and adjust them. "The adaptation is simple and saves time," emphasises Daub. "In contrast to this, adjustment on two sides – which used to be standard – is far more time-consuming and complex." In major projects which involve installing many doors with a drop down seal, installers know how important this time saving is.

With the exception of the very narrow "DDM 1212", the internal mechanics of the Deventer drop down seals can be fully removed on the release side even after installation – a major advantage for maintenance. The door does not need to be unhinged, no mounting bracket needs to be unscrewed. No tools are needed.

Two installation variants for manufacturers of interior doors

Door manufacturers reliably achieve their sound insulation, smoke protection and fire protection objectives with the proven drop down seals for interior doors from the "DSF" and "DSD" product groups from Deventer. "DSF 1528", "DSF 1530" and "DSD 1530" can be installed using mounting brackets or mounted directly from below using pre-inserted screws. Installation using screws is ideal for processing on stacked door leaves. The "DSD 1530" features in the test certificates of renowned manufacturers of interior doors, which attain sometimes exceptional sound insulation with their doors.

For installation using adhesive on glass and timber

The "DSG 1540" drop down seal was designed specifically for installation using adhesive. This means it can be used to seal glass doors but also to overhaul timber interior doors. In both cases, this seal from Deventer greatly improves sound insulation.

As the internal mechanics can be removed, the "DSG 1540" makes it possible to change the release side easily and quickly. This enables this seal to be used for interior doors whether they are installed on the right or left. What's more, the product can be used regardless of the thickness of the glass. The sealing element and panel are adhered separately and are not joined together.

New names, new structure

The restructuring of the Deventer product range, which is now complete, and the naming and description of the drop down seals in English are part of the manufacturer's preparations in the ramp-up of its international activities. This was made possible by the company's acquisition by Roto Frank Fenster- und Türtechnologie GmbH, which boasts a global network of logistics sites and external sales representatives. "Our aim is to be active in all markets in the medium term with the 'perfect match' between Roto components," emphasises Mammel. Deventer contributes to this in many different ways.



The range of drop down seals available from Deventer has been restructured. Seven different seals are available in various lengths as standard. The image shows the “DDS 1220” self-regulating drop down seal (top). It can also be installed in window profiles with a 12 mm groove and improves the driving rain tightness of an exterior door with a threshold. The “DSD 1530” (centre) features in the test certificates of renowned manufacturers of interior doors, which attain sometimes exceptional sound insulation with their doors. The “DSG 1540” (bottom) was designed specifically for installation on glass doors using adhesive. It can be used regardless of the thickness of the glass. The sealing element and panel are adhered separately and are not joined together.

Image: Roto Fenster- und Türtechnologie

Deventer_drop_down_seals.jpg



The “DDS 1220” self-regulating drop down seal from Deventer can also be installed in window profiles with a 12 mm groove and improves the driving rain tightness of a door with a threshold. All that can be seen on the exterior door is a premium aluminium track, which covers the black PVC seal. There is no need for visible metal or PVC brackets to protect against damage to the frame profile.

Image: Roto Fenster- und Türtechnologie

DDS_1220.jpg



Manufacturers of interior doors reliably achieve their sound insulation, smoke protection and fire protection objectives with the proven drop down seals for interior doors from the “DSF” and “DSD” product groups from Deventer. These too are simply screwed through from below. The image shows the “DSD 1530”. It features in the test certificates of renowned manufacturers of interior doors, which attain sometimes exceptional sound insulation with their doors.

Image: Roto Fenster- und Türtechnologie

DSD_1530.jpg



The “DSG 1540” drop down seal was designed specifically for installation using adhesive. This means it can be used to seal glass doors but also to overhaul timber interior doors. The release side can be changed easily and quickly, which allows the “DSG 1540” to be used for interior doors installed on the right and left. What’s more, the product can be used regardless of the thickness of the glass. The sealing element and panel are adhered separately and are not joined together.

Image: Roto Fenster- und Türtechnologie

DSG_1540.jpg



Hall C4, stand 303: Roto Frank Fenster- und Türtechnologie GmbH will welcome its guests at "BAU" 2025 against the urban backdrop of "Roto City". Attendees at the event will also experience at first hand the "perfect match" between hardware and threshold from Roto with a drop down seal from Deventer.

Image: Roto Fenster- und Türtechnologie

Key_Visual_BAU_2025.jpg



Jürgen Daub, Head of Range Marketing at Deventer

Image: Roto Fenster- und Türtechnologie

Jürgen_Daub.jpg



Eberhard Mammel, Director of Marketing and Product Innovation at Roto FTT

Image: Roto Fenster- und Türtechnologie

Eberhard_Mammel.jpg

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