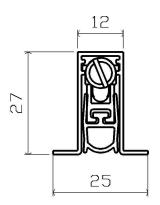
## **TECHNICAL DATA SHEET**

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Description

Sealing device engineered to fill the gap between the door bottom and the floor or threshold plate. The acoustically designed seal is operated automatically by pressure against the door jamb on its adjustable plunger (on hinge side). The spring loaded mechanism ensures a sequential dropping and self leveling sealing on entire door bottom length. The mechanism retracts in the mortised aluminum case when the door is opened by a few millimeters. The sequential dropping, in conjunction with the low friction seal, prevents the skidding on floor and allow a low operating force.

Installation

Check the linear length and, if it's necessary, cut the seal on the opposite side of the activating plunger. Locate the push button in direction of hinge side. Position and fix the case by screws or rivets into the groove or channel. Lift height adjustment: rotate the push button (threaded) by a screw driver and find the optimal position opening and closing the door while the TPE seal covers the gaps on entire door length. Do not give a excessive contact pressure.

Characteristics

Extractable internal mechanism

Steel leaf springs

Mortise mount / min. channel width 12 mm Screws or rivets fix on pre-drilled holes

Gap – Seal drop: 1 – 12 mm

Self leveling

Trimming length: 200 mm (on standard size)

Seal in self-extinguish TPE Durability: up to 1000000 cycles Sound insulation: up to 47 dB

Standard lengths

400 - 600 - 800 - 1000 - 1200 mm

**Packing** 

60 pcs per box

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Steel

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heavy DIN 1481

4.8 DIN 965

## MATERIALS AND COMPONENTS

Case EN AW 6060 T6 Aluminium alloy Mechanical properties EN 755-2 Tolerances on dimension and form EN 755-9 Seal holder Aluminium alloy EN AW 6060 T66 Mechanical properties EN 755-2 Tolerances on dimension and form EN 755-9 Gasket seal TPE compound SIGILPLAST 161 62 ShoreA ISO 868 Hardness +80 °C Max operating temperature Inflammability **UL 94 HB** Flat springs Steel C85 EN 10270-1-SH HRC 45/50 Finish phosphatized Guide block PP GF30 Plunger Steel 4.8 UNI EN 20898/1 Finish Zinc coated OT58 - CW614N EN 12164 Adjustable button **Brass** 

Ordering code  $101SF23RTL^*$   $L^* = LENGTH IN MILLIMETERS$ 

Notes and recommendations

Assembly pin, bolt

and nuts

Any changes in manufacture will be promptly reported to the customer.

Date: 01/2010

We recommend an installation by an experienced operator.

Drop-down seals doesn't require precaution for handling and storage, but they should be not bent or twisted. Periodic inspection / cleaning is recommended to ensure a good appearance and performance. The information given are based on research and development of our products through the years in order to give more information as possible to the customer, but they can't be used as specific data. The test must be conducted on the exact configuration of the final door assembly under the operating condition and the standard requirements. This data sheet cancels and replaces any other previous document.

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