TECHNICAL DATA SHEET

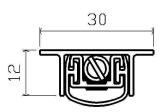
PRODUCT CODE: 299R299RT

EDITION: JULY 2013

PAGE: 1/2







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 VMQ silicone seal covers the gaps on entire door length. Do not give a excessive contact pressure.

Characteristics

Steel leaf springs

Mortise mount / min. channel width 30 mm Screws or rivets fix on pre-drilled holes

Gap – Seal drop : 1 – 10 mm

Self leveling

Trimming length: 200 mm (on standard size)

Seal in self-extinguish silicone VMQ Durability: up to 1000000 cycles

Standard lengths

400 - 600 - 800 - 1000 - 1200 mm

Packing

70 pcs per box

SIPAM - Technical Dept. TREVISO - ITALY

Date: 07/2013

Cancels and replaces any other previous edition



TECHNICAL DATA SHEET

PRODUCT CODE: 299R299RT EDITION: JULY 2013

PAGE: 2/2

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 Silicone VMQ compound 60.021 60 ShoreA DIN 53505 Hardness -40 °C / +200 °C Operating temperature Inflammability **UL 94 HB** Flat springs Steel C85 EN 10270-1-SH HRC 45/50 Finish phosphatized Plunger Steel 4.8 UNI EN 20898/1 Finish Zinc coated Adjustable button **Brass** OT58 - CW614N EN 12164 Assembly pin, bolt heavy DIN 1481 Steel and nuts 4.8 DIN 965

Ordering code 299R299RT L^* L* = LENGTH IN MILLIMETERS

Notes and recommendations

The manufacturer reserves the right to make modifications without notice. Any changes in manufacture will be promptly reported to the customer.

We recommend an installation by an experienced operator.

Date: 07/2013

Drop 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.

Cancels and replaces any other previous edition

SIPAM - Technical Dept. TREVISO - ITALY