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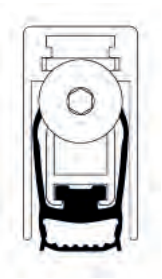
Deventer Seals | DSF 1528

Product data sheet



Description Drop down seal | Deventer Sound insulation and Fire protection
Dimensions 15 x 28 mm
Application Automatic drop down seal with single-sided triggering / trigger mechanism: round
Application area Doors, interior doors
Raw material Untreated aluminium

Material properties

	Property
Outer profile	Raw material: 6060 T6 aluminium alloy
Inner profile	Raw material: 6060 T6 aluminium alloy
Surface	Raw material: Untreated aluminium
Trigger mechanism	Raw material: nylon PA6 30% glass fibre-reinforced
Seal	Model type: HF 3
	Self-extinguishing silicone UL94 class V0
	Colour: grey
Cap	Raw material: nylon PA6 30% glass fibre-reinforced
	Colour: grey
Trigger mechanism	Self-aligning trigger mechanism made from nylon-coated steel, can be adjusted with a 3 mm hex key
	Model type: 1
	Raw material: nylon PA6 30% glass fibre-reinforced
	Colour: grey

Technical properties

		Test procedure
Max. travel	18 mm	-
Operating temperature	-35 °C / +200 °C	-
Installation type	Mounting bracket made from stainless steel	-
	Steel countersunk screw, nickel-plated 3.5 x 30 mm (pre-inserted)	-
Working cycles[1]	> 200,000	Internal
Sound insulation[2]	52 dB	ift Rosenheim
Fire resistance[3]	120 min	Applus+ Laboratories
Smoke test	13.1 m^3/h	ift Rosenheim

[1] Details of passed tests and durability in accordance with EN 1191:2012-12, classified in accordance with EN 16034:2014-10, provide information about the basic suitability of the mechanics. In individual cases, depending on the material of the door leaf or the type of hinges, different results may also be achieved here.

[2] The test values for sound insulation specified here have been tested in accordance with DIN EN ISO 140-3:2005-03 and assessed in accordance with DIN EN ISO 717-1:2006-11. This test procedure involves testing and assessing the joint sound insulation value at the component.

[3] Test certificates or information about use in smoke control and fire protection products only indicate that the seal can be used in these specific products and that the building element construction as a whole gave the specified value. It is not a test on the component but rather on the entire building element, with the tested entire construction. This means that it is not a statement about whether the component would work in a different construction, even one with only minimal differences. Our products which are generally suitable for the respective application range – referred to as "component" here – have been successfully used in many sound insulation, smoke control and fire protection constructions.

Additional information

		Associated documents
REACH	Compliant	Available upon request
EPD	Not available	–