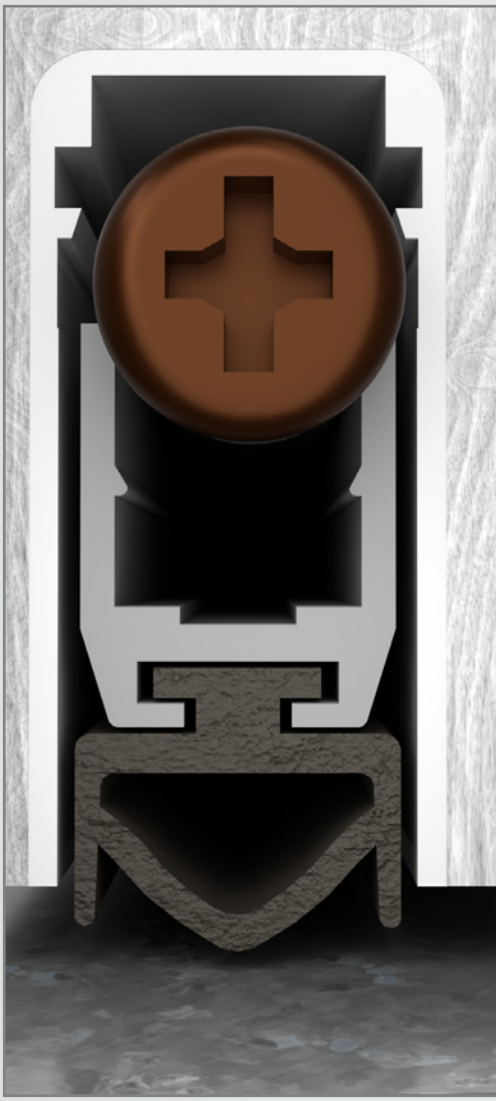
Technical Product Data Sheet

DD-420-S
Threshold Seal



kuhnodice

Tech.Rev.: 1.0
Ling. Rev.: 1.0

Product description

Robust threshold seal providing acoustic, cold smoke and environmental sealing when used with suitable doors. Achieves upto 120-minute fire rating (with correct intumescent protection) when tested to EN1634-1 . Acoustic values up to 35dB depending on door type.Aluminium casing measuring 28.5mm deep × 12.5mm wide housing a self-extinguishing silicone seal, covering threshold gaps up to 13mm. Adjusted via black button using a cross-head screwdriver. Each seal can be cut down by up to 200mm in a single cut without dismantling.

Properties

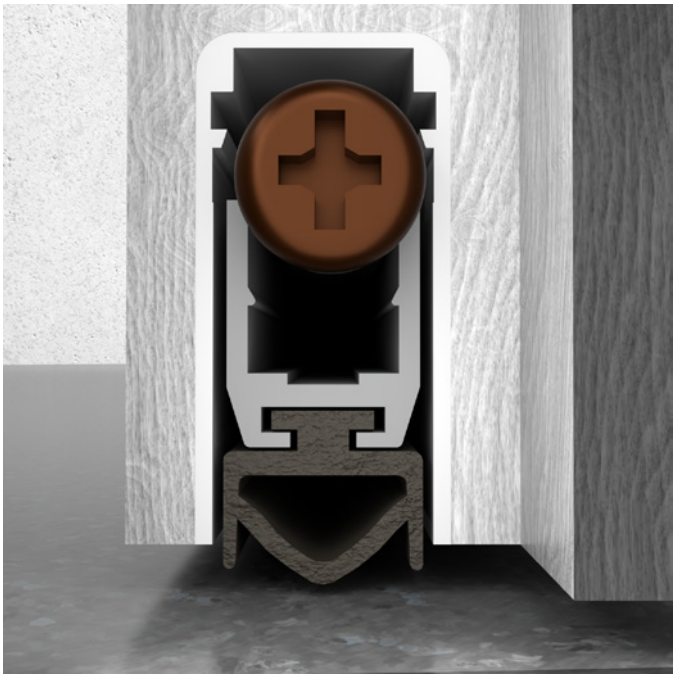
- High quality aluminium threshold seal
- Seals gaps up to 13mm
- Simple slide-and-click fitting
- Easy adjustment using slot head screwdriver
- FD30 rating
- Excellent noise-reducing performance up to 35dB
- Available in 3 standard lengths: 630, 930, 1130mm
- Optional end plates and cover plates
- Successfully tested for cold smoke sealing

Testing methods, standards, values

- Acoustic tested to EN ISO 10140-1 / EN ISO 10140-2 (up to 35dB)
- Assessed to BS 476 Part 22 for FD30 door sets
- Successfully tested to BS EN 1634-3 for cold smoke (air leakage)
- Cycling test: 200,000 opening and closing cycles

Technical data

Material structure	Aluminium + sealing lip
Composition	Automatic drop seal
Sound insulation properties [dB]	up to 35dB (depending on door type)
Smoke tightness	Cold smoke (as stated)
Fire resistance	Upto 120 minutes depending on door type & intumescent protection kit fire rating

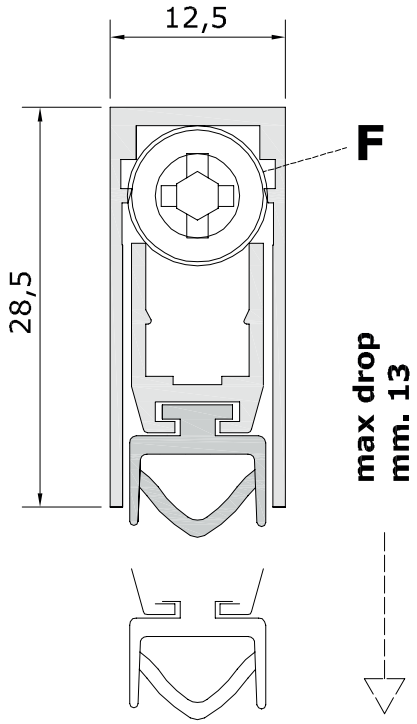


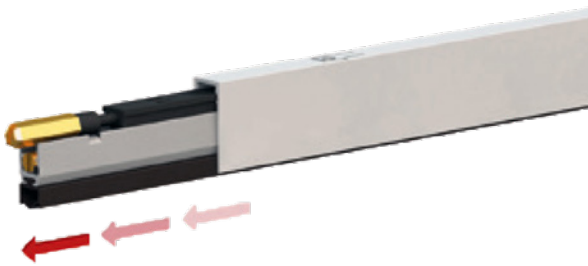
Certified for:
34dB
30 min.
200,000 cycles
2.30 m^3 / h / m – 25 Pa

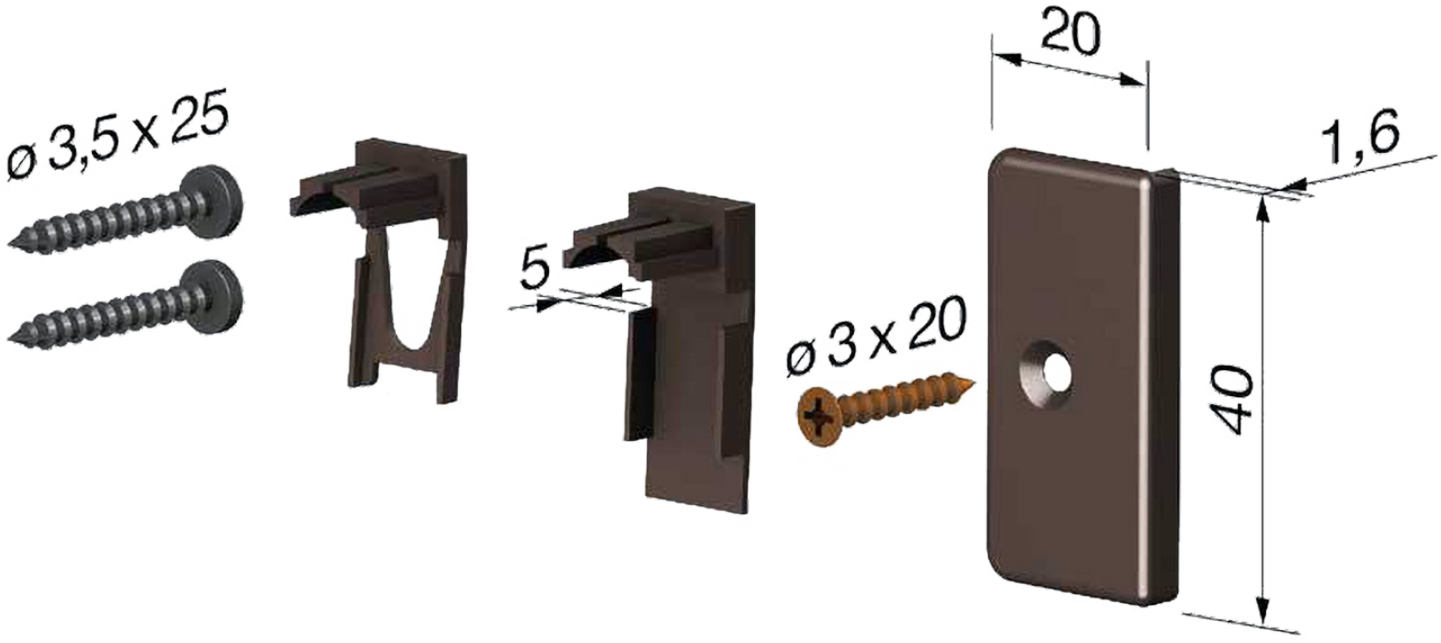
Protects against:
Light
Water
Insects

Fitting

Slide-and-click installation: inner mechanism slides out, outer casing fitted into prepared rebate and secured with supplied screws, inner mechanism slides back and clicks into place. Allows removal without removing the door. Optional end plates and cover plates available.







Delivery forms

Standard lengths [mm]	630 / 930 / 1130 (other lengths available on request, can be trimmed by up to 200)
Standard widths [mm]	12.5

Other lengths available upon request

Contakt:

KuhnOdice UK Ltd
Unit 4, Brook Trading Estate
Deadbrook Lane
Aldershot
GU12 4XB
United Kingdom
+44 (0)1252 929 601

KuhnOdice Germany GmbH
Jaegersgrund 10
57339 Erndtebrück
Germany
+49 2753 5945-0

KuhnOdice France S.A.S.
685 Rue Antoine Laurent Lavoisier
Z.A.E. Les Dix Muids
59770 Marly
France
+33 3 27 19 32 32

info@kuhnodice.com
kuhnodice.com

Registered office: Gluesinger Strasse 86, 21217 Seevetal, Germany

kuhnodice