Technical Product Data Sheet

DD-1703-ACU
Threshold Seal

kuhnsodice

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

Product description

Robust twin-adjustable drop seal allowing adjustment at both ends for downward movement and tilt control, providing strong even pressure along the full length. Enables fine tuning to suit the operating environment. Provides acoustic, cold smoke and environmental sealing when used with suitable doors. Achieves 60-minute fire rating to EN 1634-1. (when used vin conjunction with intumescent kit) Aluminium casing 28.5mm deep × 13mm wide housing a self-extinguishing EPDM seal for threshold gaps up to 18mm. Can be trimmed by up to 100mm without dismantling.

Testing methods, standards, values

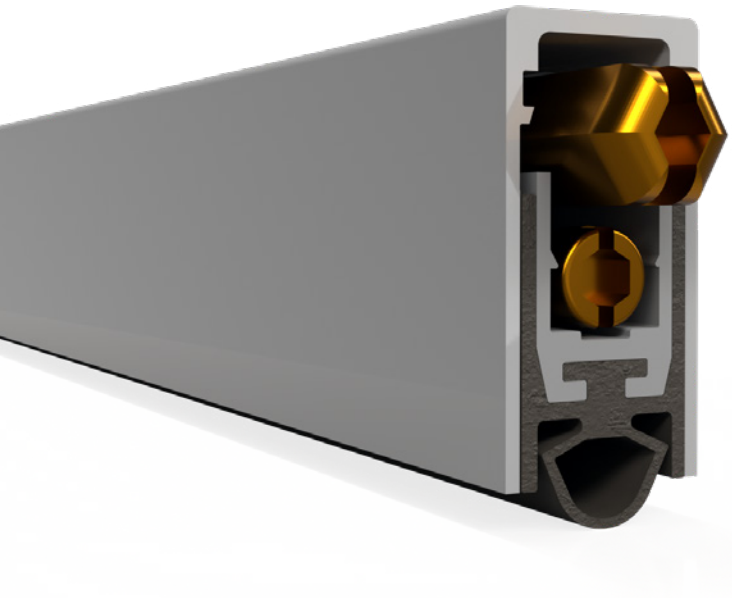
- Acoustic tested to EN ISO 10140-1 / EN ISO 10140-2 (up to 50dB, door dependent)
- Assessed to both EN1634-1& BS 476 Part 22 for FD30 & FD60 door sets
- Tested to BS EN 1634-3 for cold smoke (air leakage)
- Cycling test: 200,000 opening/closing cycles

Properties

- High quality aluminium threshold seal
- Seals gaps up to 18mm
- Slide-and-click fitting system
- Excellent acoustic performance up to 50dB
- Easy adjustment from either end with slot head screwdriver
- FD60 rated
- Successfully tested for cold smoke sealing
- Optional end plates and cover plates

Technical data

Material structure	Aluminium + seal
Composition	Automatic drop seal
Sound insulation properties [dB]	up to 50dB (dependent on door type)
Smoke tightness	Smoke leakage 1.45m3/h/m-25Pa
Fire resistance	FD30 & FD60

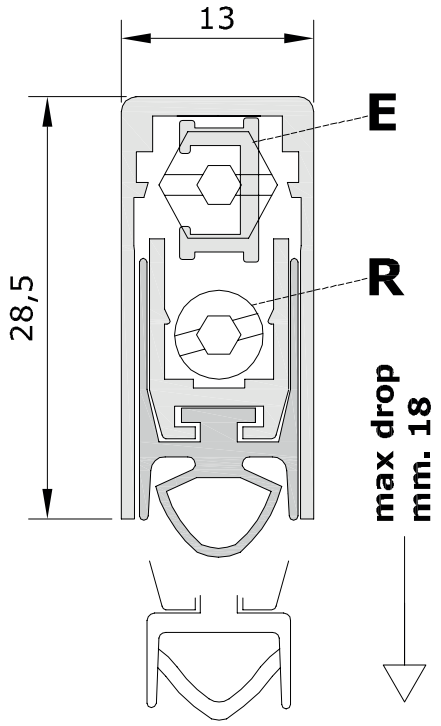


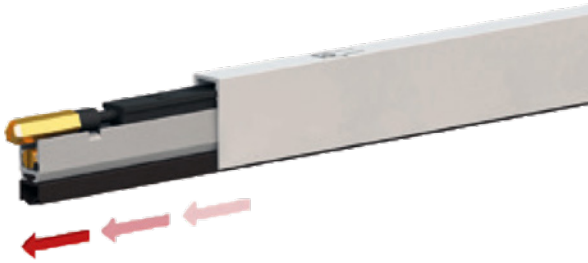
Certified for:
50dB
60 min.
200,000 cycles
1.45 m^3 / h / m – 25 Pa

Protects against:
Air
Light
Water
Insects

Fitting

Click-to-fit installation: inner mechanism slides out, outer casing fixed into prepared rebate with supplied screws, inner mechanism slides back and clicks into place. Seal can be removed without removing the door. Optional end plates and cover plates available.





Delivery forms

Standard lengths [mm]	630 / 830 / 930 / 1030 / 1130 (other lengths on request, trim up to 100)
Standard widths [mm]	13

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