

Data Sheet – PDB 411M (Mortised)*

The Next Generation Drop Seal

The PDB 411M offers an all-in-one, complete “sealed in place” solution. It is the only drop seal that uses a full aluminium drop bar to cover the entirety of the threshold gap. Using a patented arm-controlled mechanism, the PDB 411M provides excellent and unrivalled sealing capabilities against smoke, fire, sound, unauthorised entry, light and pest control.

Performance

Fire	60 minutes to BS EN 1634-1:2014
Smoke	To BS EN 1634-3:2004 Meets BS 9999:2017
Acoustic	Up to STC / Rw 52dB to ASTM E-90-09, ASRME 413-10 & BS EN ISO 10140-1:2010
Security	Stops unauthorised access
Sustainability	Ensures sustainable control of heat transfer between internal rooms
Durability	1.1m cycles (without failure)
Other	Protects against draughts, light & pests

Technical Data

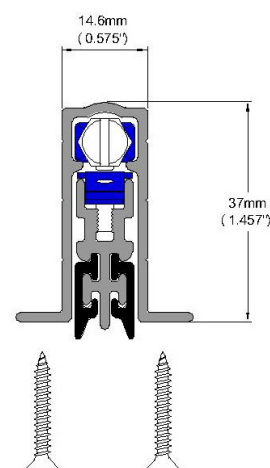
Casing material	6063-T6 Aluminium
Drop seal material	6063-T6 Aluminium sealing bar w/ supporting EPDM rubber shrouding
End plates	End plates fitted. No need to recess
Required groove width / depth	15mm / 37mm
Min / max seal drop	1mm / 15mm
Min / max seal length	330mm / 1800mm
Standard lengths (mm)	735, 835, 935, 1035 Custom lengths available on request
Trimming length	Up to 100mm opposite side of actuator button
Fixings	This PDB411M is mortised into the door panel and screws fixed via the flanges. Fixing holes are pre-drilled and countersunk

MAIN FEATURES

- ✓ Offers full aluminium drop bar. Maximum protection.
- ✓ No threshold plate required.
- ✓ Quick and easy installation. No need to recess end plates.
- ✓ Drop bar full width of door. No end gaps.
- ✓ Self-levelling on uneven surfaces maintaining optimum pressure.
- ✓ 2:1 release ratio. No trailing on floor.
- ✓ Feather touch door closing force.

APPLICATIONS

- ✓ New & refurbishment projects.
- ✓ Timber, metal & security doors.
- ✓ Internal & external doors.
- ✓ Single & double swing / single and double leaf doors.
- ✓ Right and left-handed doors.



Exceptionally durable,
7-year warranty

