

ASSA ABLOY, the global leader in door opening solutions



Acoustic Automatic Door Bottoms: PDB Series “Sealed-in-Place” Type Performance

The PEMKO PDB Series of Acoustic Automatic Door Bottoms brings sound attenuation to a whole new level. The unique, patent-pending design creates uniform seal pressure across the entire door bottom, resulting in superior acoustic performance.

Independent third-party test data has shown that the PEMKO PDB Series has “sealed-in-place” type performance, achieving zero drop in STC ratings in many typical wood and hollow metal door applications.

PEMKO PDB Series Automatic Door Bottoms help to meet ANSI Standard S12.60-2002, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools, and can help school projects earn LEED IEQ School Specific Credits for Enhanced Acoustical Performance.

The PEMKO PDB Series delivers Best-in-Class performance.

Features	Benefits
Unique seal configuration	Superior acoustic performance
6063-T6 aircraft aluminum	Durable and long lasting
Meets ANSI Standard S12.60-2002	Help to earn LEED Credits
Meets ANSI/BHMA A156.22-2011 Door Gasketing Systems	Performance Tested
Meets UL10C, UL10B and UL1784	Smoke and Fire Tested

Applications

- Hospitality
- Healthcare
- Schools
- Office Buildings
- Theaters
- Auditoriums

Technical Specifications:

Application: Wood and Hollow Metal Doors

Material: 6063-T6 Aircraft Aluminum

Insert Material: EPDM

Finishes:

PDB411_E:

Mill Finish Aluminum

PDB4131_E:

Clear Anodized

Dark Bronze Anodized

Fasteners:

PDB411_E:

Special #6 x 5/8" bugle tip sheet metal screw

PDB4131_E:

#8 x 1-1/4" sheet metal screw

Sound Rated:

Tested in accordance with ASTM E 90-2009.

Additional third party STC test results available.

Fire Rated:

Meets UL10C fire rating. Meets the requirements for Category J & H gaskets for positive-pressure.

Smoke Tested:

Tested in accordance with UL 1784-2001, Air Leakage Tests of Door Assemblies, and meets the performance criteria for allowable air leakage as specified in NFPA 105-2010, Installation of Smoke Control Door Assemblies.

ANSI/BHMA:

Meets the requirements of ANSI/BHMA A156.22-2011 Door Gasketing Systems.

Patent Pending



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Acoustic Solutions

Acoustic Automatic Door Bottoms are only one element of PEMKO's acoustic solutions. PEMKO offers a wide range of jamb gasketing, door bottoms and thresholds designed to assist with sound attenuation. In addition, ASSA ABLOY Group companies can provide the other elements of an overall solution for STC Rated doors and frames.

Acoustic Automatic Door Bottoms

Part number	Width	Finishes
PDB411_E	16" to 72"	A - Mill Finish Aluminum
PDB4131_E	16" to 72"	C - Clear Anodized D - Dark Bronze Anodized

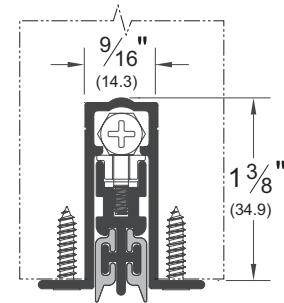
To achieve the best acoustical results

- Min. Drop: 1/8" – Max. Drop: 1/2"
- Overall effective drop range
- Min. Drop: 1/8" – Max. Drop: 3/4"
- NOT TO EXCEED 3/4" of Drop

Full-Mortise Application

PDB411_E

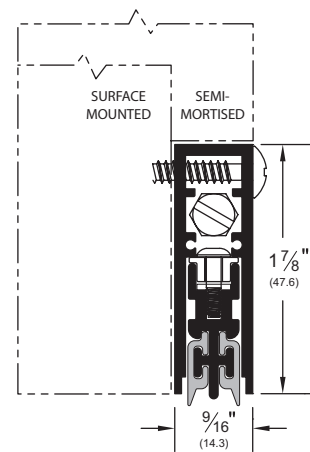
AVAILABLE FINISHES: A



Surface Mounted or Semi-Mortised Application

PDB4131_E

AVAILABLE FINISHES: C, D



www.pemko.com

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