

Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track or running track flush with the ceiling. Sound attenuation. Ceiling mounting. Wall pocket solution.

Product highlights



Comfort

Outstanding living comfort thanks to effective exclusion of sound, drafts, odors and unwanted light incidence



Productivity

Easy height adjustment via both suspensions and convenient depth adjustment of the installed door in the wall pocket

Technical specifications



Max. 100 kg (220 lbs.)



Max. 2500 mm (8' 2 7/16")



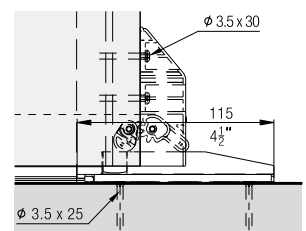
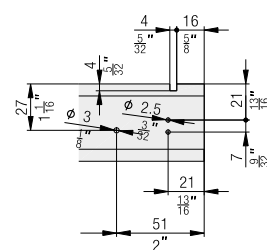
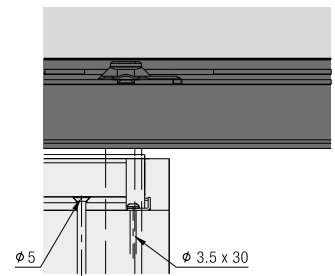
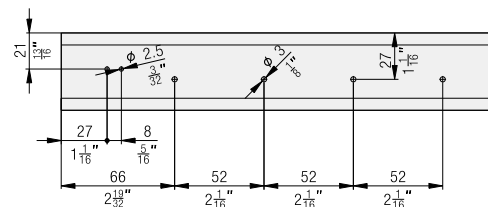
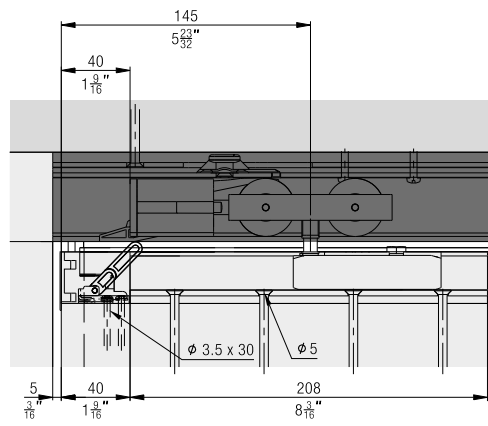
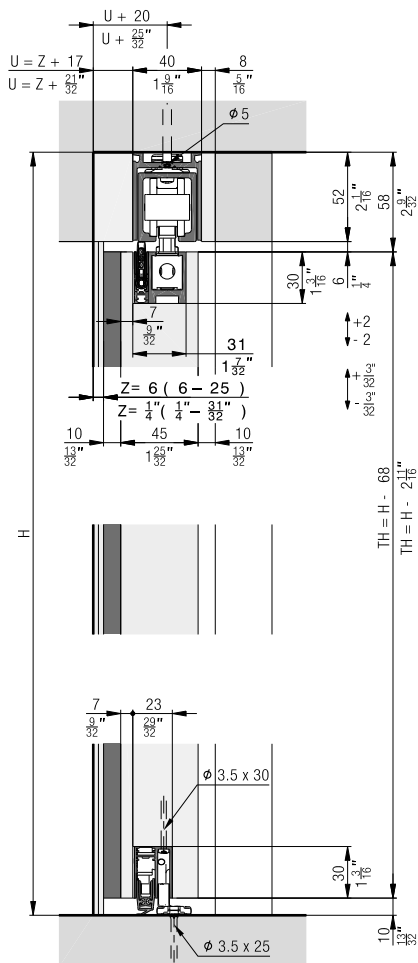
750–1500 mm (2' 5 17/32" to 4' 11 1/16")
Inside clearance (LMB)



44–50 mm (1 23/32" to 1 31/32")



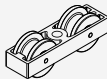
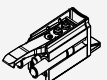
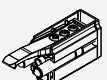
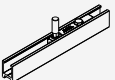

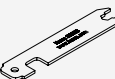
Installation examples




Set for 1 wooden door up to 100 kg (220 lbs.)

	No.
Hawa Junior 100 B/B Pocket Acoustics, for 1 door	30427


Set consisting of:

		30427	No.
	Running gear, 2-wheeled, M10, ball bearing	2	30137
	SoftStop Hawa Junior 100 Acoustics, with ramp and adjustable retention spring	1	30132
	SoftStop Hawa Junior 80/100, with adjustable retention spring	1	27771
	Suspension profile, plate with screw M10	2	30379
	Cover cap set, plastic, aluminum look, 4-piece set	1	30483
	Locking wrench to suspension	1	10778


Accessories for set

	No.
 Spring loaded stopper Hawa Junior 80/100	25370

Running tracks

	mm (inch)	No.
	1,400 (4' 7 1/8 ")	10189
	1,600 (5' 3 ")	10190
	1,800 (5' 10 7/8 ")	10191
	2,000 (6' 6 3/4 ")	10192
	2,200 (7' 2 5/8 ")	10193
	2,500 (8' 2 7/16 ")	10194
	3,000 (9' 10 1/8 ")	18532
	cut to size	10188

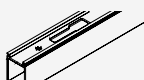

Components for running tracks

	No.
 Running track fastening Hawa Junior 80/100, for removable running track, up to max. internal door width of 850 mm (2' 9 15/32 ")	25442

Assembly set, up to 2000 mm (6' 6 3/4")

	No.
Set for mountable and demountable running track	25207

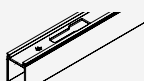

Set consisting of:

	mm (inch)	25207	No.
 Retainer profile with a bayonet lock, aluminum, anodized	2,035 (6' 8 1/8 ")	1	25212
 Small parts to retainer profile, 6-piece set		1	25520

Assembly set, up to 2500 mm (8' 2 7/16")

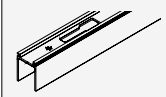

	No.
Set for mountable and demountable running track	25371

Set consisting of:

	mm (inch)	25371	No.
 Retainer profile with a bayonet lock, aluminum, anodized	2,535 (8' 3 13/16 ")	1	25443
 Small parts to retainer profile, 7-piece set		1	25521

Assembly set, up to 3000 mm (9' 10 1/8")

	No.
Set for mountable and demountable running track	25441

	mm (inch)	25441	No.
Set consisting of:			
 Retainer profile with a bayonet lock, aluminum, anodized	3,035 (9'11 1/2")	1	25444
 Small parts to retainer profile, 9-piece set		1	25522


**Sets left type
(horizontal seal set)**

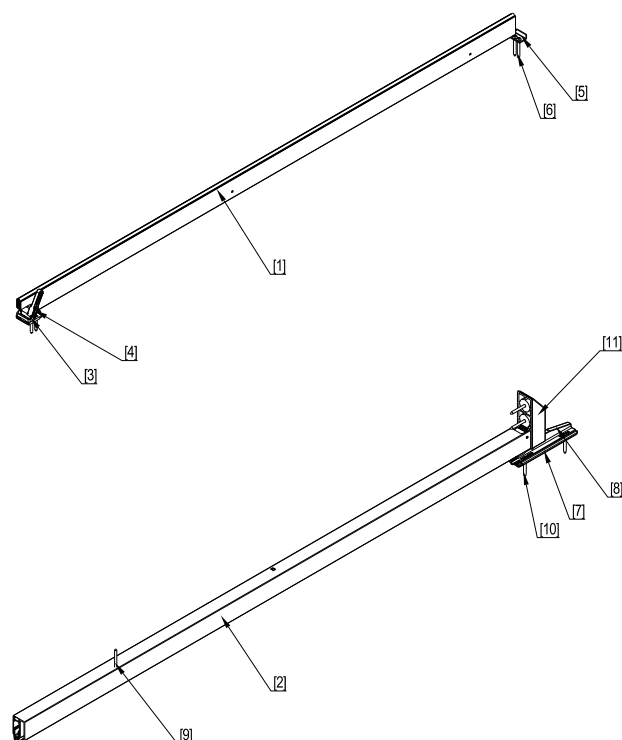
	No.
	Seal, Hawa Acoustics XS, left 30437
	Seal, Hawa Acoustics S, left 30439
	Seal, Hawa Acoustics M, left 30441
	Seal, Hawa Acoustics L, left 30443
	Seal, Hawa Acoustics XL, left 30445
	Seal, Hawa Acoustics XXL, left 31482
	Seal, Hawa Acoustics XXXL, left 31484

**Sets right type
(horizontal seal set)**

	No.
	Seal, Hawa Acoustics XS, right 30436
	Seal, Hawa Acoustics S, right 30438
	Seal, Hawa Acoustics M, right 30440
	Seal, Hawa Acoustics L, right 30442
	Seal, Hawa Acoustics XL, right 30444
	Seal, Hawa Acoustics XXL, right 31481
	Seal, Hawa Acoustics XXXL, right 31483

Vertical seal for seal set, left, right set type

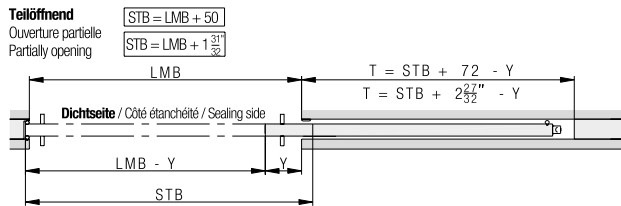
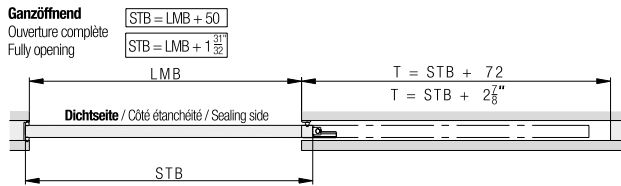
	No.
	Seal vertical, Hawa Acoustics, 7700 mm (25' 3 5/32"), silicone, black 30300

**Hawa Acoustics horizontal seal set
consisting of:**


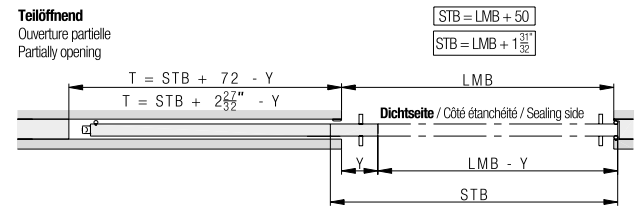
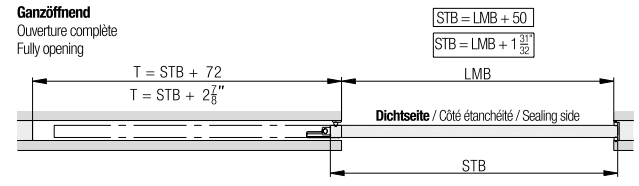
Position Position	Bezeichnung Désignation Designation	Anzahl Numéro Number	Typ Type Type		
1	Hubdichtung Joint de levage Header seal	1	Links/Rechts Gauche/Droite Left/Right		
			XS	30454	
			S	30385	
			M	30455	
			L	30456	
			XL	30457	
			XXL	31568	
			XXXL	31571	
2	Senkdichtung Joint d'abaissement Floor seal	1	Links Gauche Left		Rechts Droite Right
			XS	30446	XS 30447
			S	30387	S 30383
			M	30448	M 30449
			L	30450	L 30451
			XL	30452	XL 30453
			XXL	31569	XXL 31572
			XXXL	31570	XXXL 31573
3, 4, 5, 6	Kleinteileset oben Kit pour petites pièces, supérieur Small parts set top	1	Links Gauche Left	30390	Rechts Droite Right 30392
7, 8, 9, 10	Kleinteileset unten Kit pour petites pièces, inférieur Small parts set bottom	1	Links Gauche Left	30416	Rechts Droite Right 30417
11	Pocketadapter Adaptateur pour caisson à galandage Pocket adapter	1	Links/Rechts Gauche/Droite Left/Right	30418	

Definition left, right / door width calculation

Left type (left hand lock)



Right type (right hand lock)

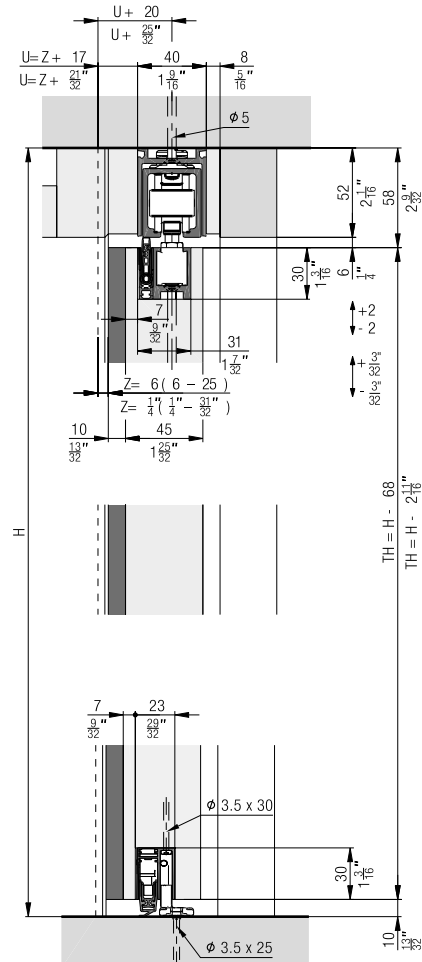


Acoustics set determination

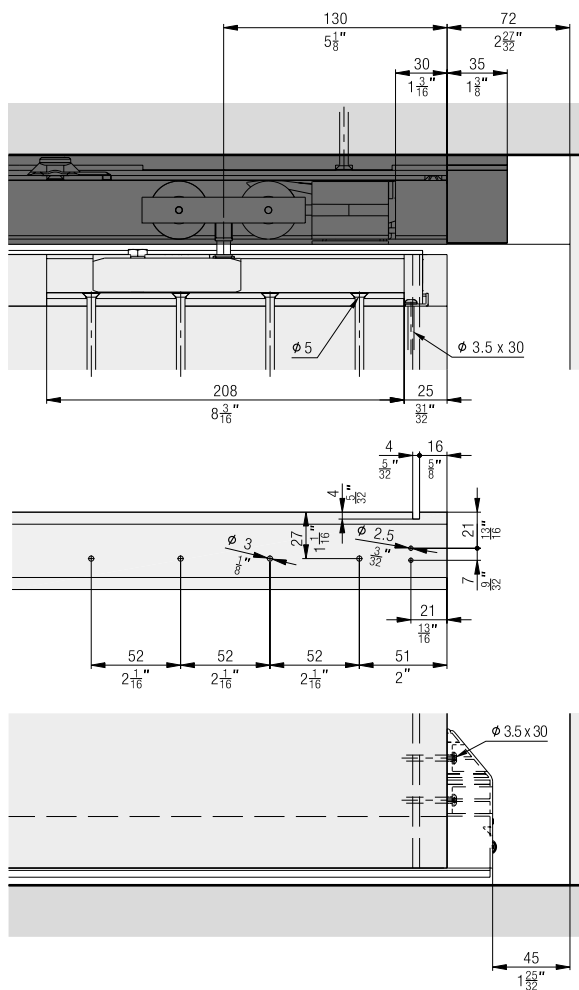
	LMB
Hawa Acoustics XS	750 - 850
Hawa Acoustics S	850 - 970
Hawa Acoustics M	970 - 1100
Hawa Acoustics L	1100 - 1220
Hawa Acoustics XL	1220 - 1350
Hawa Acoustics XXL	1350 - 1470
Hawa Acoustics XXXL	1470 - 1500

	LMB
Hawa Acoustics XS	2' 5 $\frac{11}{32}$ " - 2' 9 $\frac{19}{32}$ "
Hawa Acoustics S	2' 9 $\frac{19}{32}$ " - 3' 2 $\frac{3}{16}$ "
Hawa Acoustics M	3' 2 $\frac{3}{16}$ " - 3' 7 $\frac{1}{16}$ "
Hawa Acoustics L	3' 7 $\frac{1}{16}$ " - 4' $\frac{1}{32}$ "
Hawa Acoustics XL	4' $\frac{1}{32}$ " - 4' 5 $\frac{27}{32}$ "
Hawa Acoustics XXL	4' 5 $\frac{27}{32}$ " - 4' 9 $\frac{7}{8}$ "
Hawa Acoustics XXXL	4' 9 $\frac{7}{8}$ " - 4' 11 $\frac{1}{16}$ "

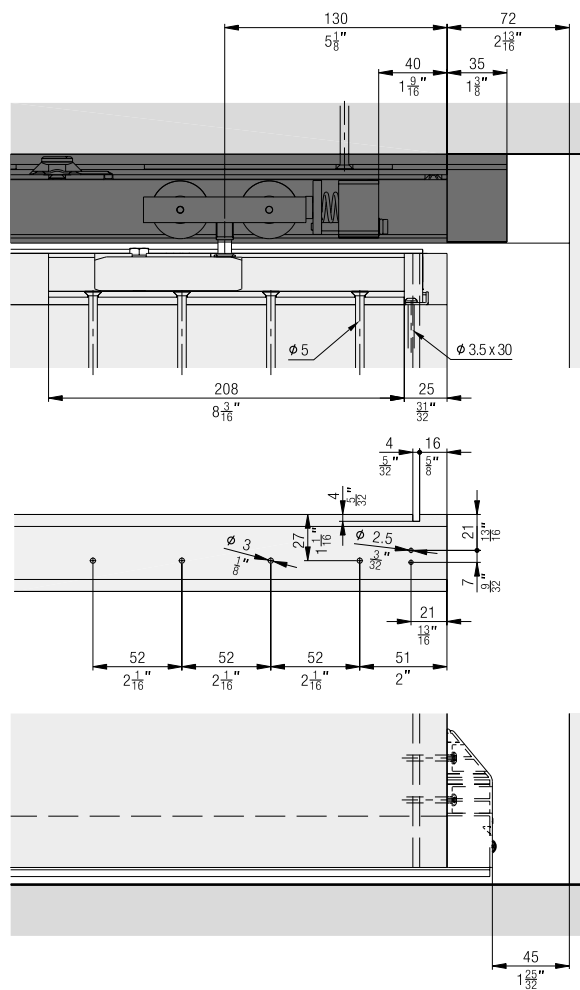
Further installation examples



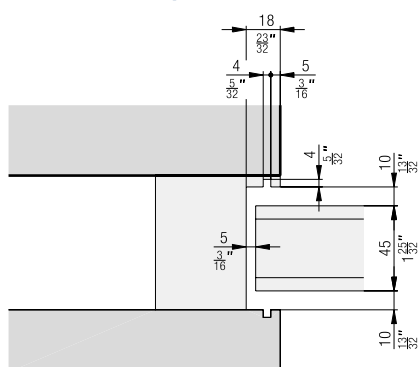
Pocket side view, assembly set



Pocket side view, spring buffer

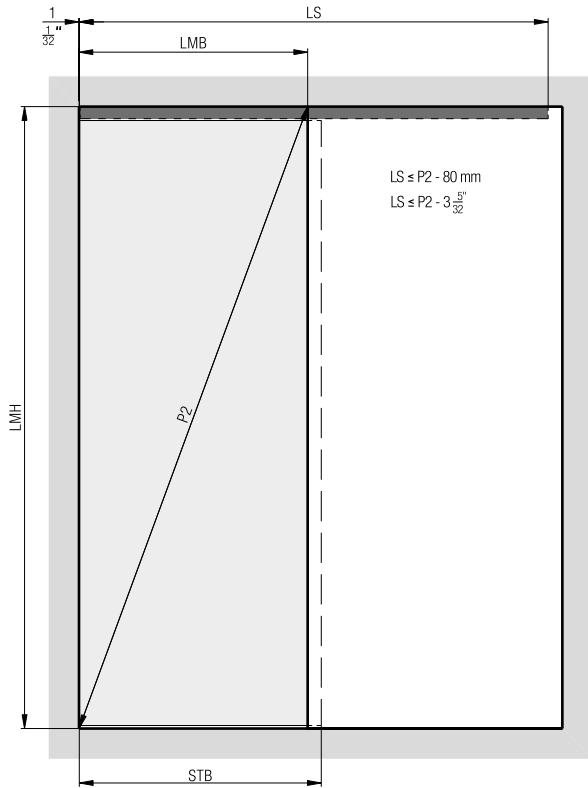


Details of end post at lock side



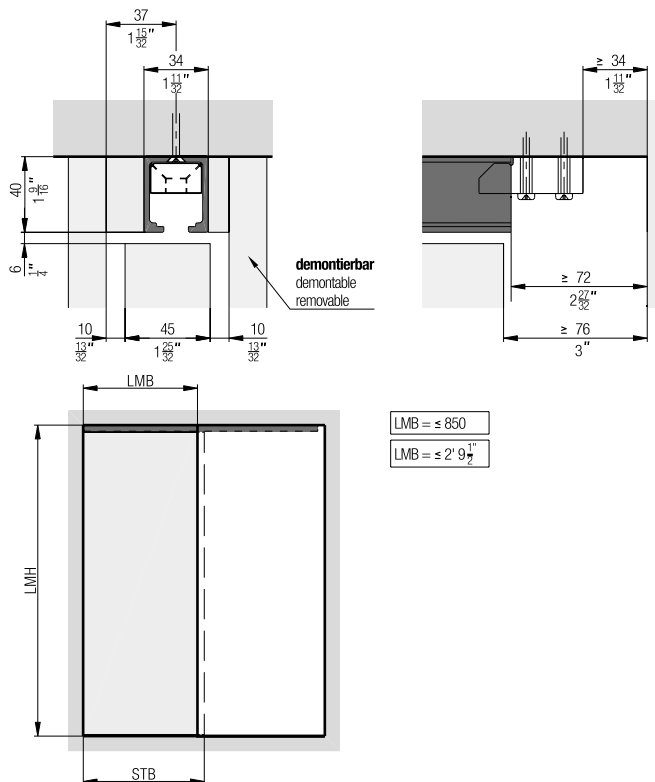
Calculations of running track length

The length of the running track must be shorter than the diagonal clearance (P2) by at least 80 mm (3 5/32").

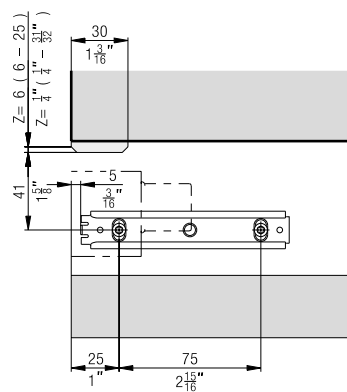


LMB = inside clearance
LMH = inside height
STB = sliding door width
P2 = diagonal clearance
LS = running track

Variant with normal running track and running track fastening (25442)



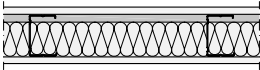
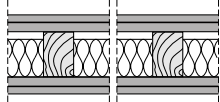

Bottom guide assembly detail



Room-to-room sound attenuation

All reference values have been measured on the basis of a practical design. The R_w sound attenuation values specify the expected sound attenuation between the two rooms which are influenced by the wall, the system and the choice of door leaf.

Reference values tested with a lightweight construction wall in accordance with James Hardy (type 1 H 31 / R_w 52 dB), size 2.5 x 2.45 m in accordance with DIN EN ISO 10140-2. Clearance 2.0 x 1.0 m. The sound attenuation relates to the entire structure and specifies which sound attenuation can be expected between the two rooms.

Example walls	System	Thickness of door leaf	Type of door leaf	Estimated sound attenuation effect	
				Room to room	
				Rw	
Wall with minimum acoustic rating of Rw 52 dB	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 18 dB	
Lightweight construction wall with metal stand 	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics		Single door leaf, approx. 19 kg/m² acoustic rating of Rw 29 dB	≈ 31 dB	
			Chipboard, approx. 25 kg/m² No defined acoustic rating	≈ 30 dB	
			Door leaf with medium sound attenuation level approx. 25 kg/m², acoustic rating of Rw 39 dB	≈ 34 dB	
Lightweight construction wall with wooden stand 	Hawa Junior 100 B Acoustics Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	44 mm	Single door leaf, approx. 20 kg/m² acoustic rating of Rw 29 dB	≈ 30 dB	
	Hawa Junior 100 B Acoustics	50 mm	Door leaf with medium sound attenuation level approx. 28 kg/m², acoustic rating of Rw 40 dB	≈ 34 dB	
			Door leaf with high sound attenuation level approx. 33 kg/m², acoustic rating of Rw 42 dB	≈ 35 dB	
Solid wall 	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 20 dB	
	Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics		Single door leaf, approx. 19 kg/m², acoustic rating of Rw 29 dB	≈ 31 dB	
			Door leaf with medium sound attenuation level approx. 25 kg/m², acoustic rating of Rw 39 dB	≈ 37 dB	
	Acoustic ratings for wall construction according to manufacturer. The acoustic values may vary if installed in different wall types.	Hawa Junior 100 B Pocket Acoustics Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics	44 mm	Single door leaf, approx. 20 kg/m² acoustic rating of Rw 29 dB	≈ 32 dB
		Hawa Junior 100 B Pocket Acoustics	50 mm	Door leaf with medium sound attenuation level approx. 28 kg/m², acoustic rating of Rw 40 dB	≈ 39 dB
Door leaf with high sound attenuation level approx. 33 kg/m², acoustic rating of Rw 42 dB	≈ 41 dB				

Planning/execution

Further information about the product can be found on www.hawa.com.