

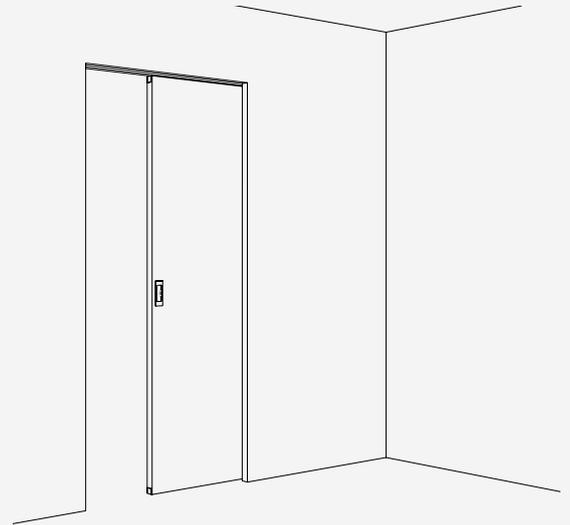
**Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track or running track flush with the ceiling. Sound attenuation. Ceiling mounting. Wall pocket solution.**

**Product highlights**

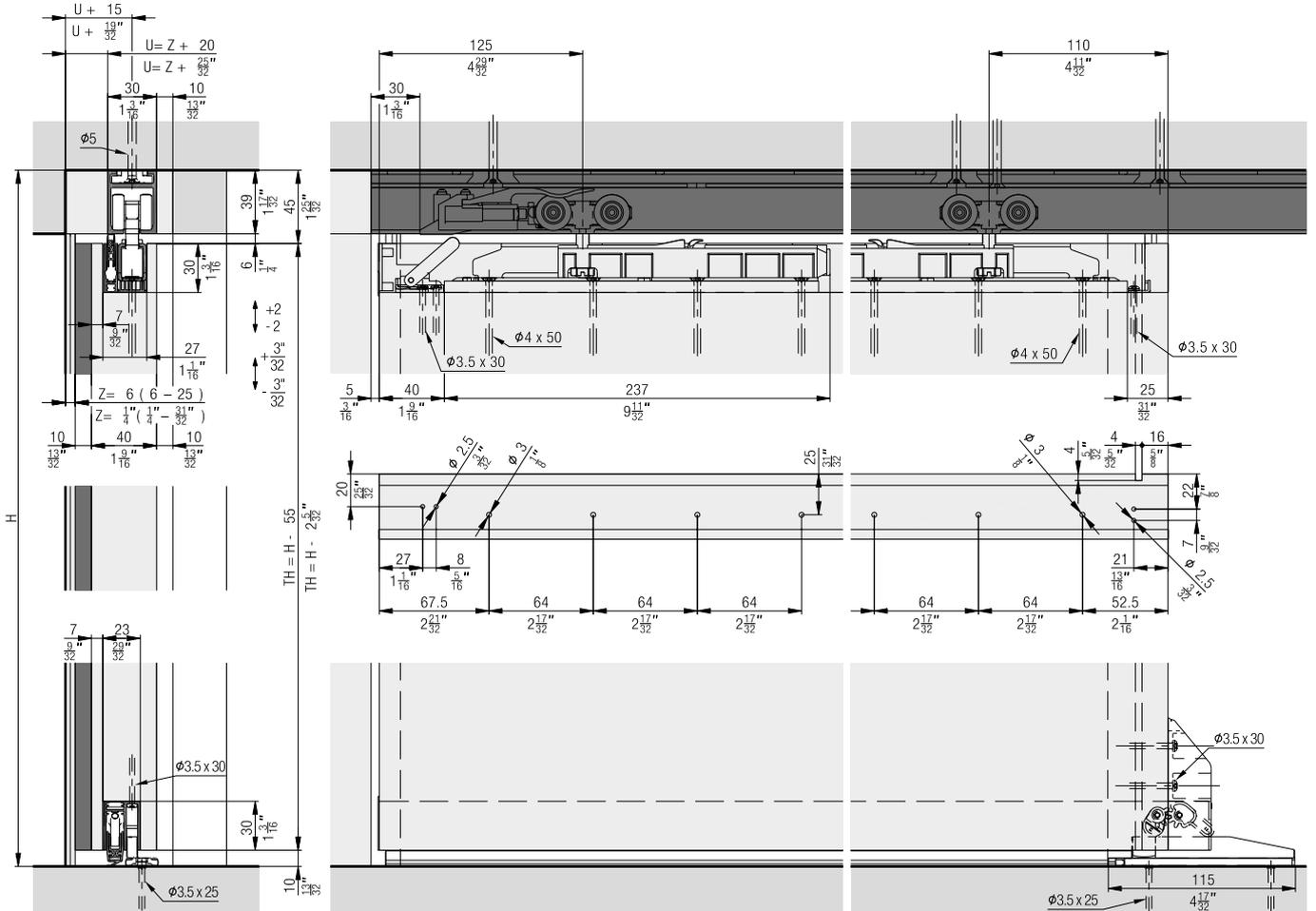
-  **Comfort** Outstanding living comfort thanks to effective exclusion of sound, drafts, odors and unwanted light incidence
-  **Flexibility** Ceiling-integrated or surface-mounted pocket solutions possible
-  **Productivity** Door can be installed in pocket after construction is complete

**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)
-  39–45 mm (1 17/32" to 1 25/32")



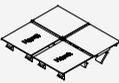
**Installation examples**



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

	No.
Hawa Porta 100 HMD/HMT Pocket Acoustics, for 1 door	30430

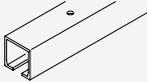
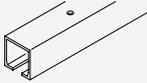
**Set consisting of:**

	30430	No.
 Running gear, ball bearing, rollers, plastic, white	2	057.3114.071
 SoftStop Hawa Porta Acoustics, with retention spring, plastic, gray	1	30472
 Stopper, with retention spring, plastic, gray	1	057.3073.072
 Adapter for running gear, for SoftStop, plastic, gray	1	30218
 Pan head screw, M3x8 mm (1/8"x5/16")	1	30359
 Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	1	042.0165.101
 Head cap screw, M8x35 mm (5/16"x1 3/8"), steel, zinc-plated	1	042.0175.001
 Cover cap, plastic, grey	1	600.0000.533
 Running gear holder, plastic, anthracite	2	042.0174.001
 Housing, steel, zinc-plated	2	042.0166.102
 Spacer, housing plastic anthracite	2	30361
 Cover cap set, plastic, anthracite, 4-piece set	1	30484
 Flat countersunk head chipboard screw, 4x50 mm (5/32"x1 31/32"), steel, zinc-plated	8	30463

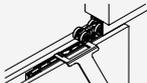
**Accessories for set**

	No.
 Spring loaded buffer Hawa Porta 60/100	27760

**Running tracks**

	mm (inch)	No.
	1,700 (5' 6 15/16")	057.3016.170
	2,000 (6' 6 3/4")	057.3016.200
	2,500 (8' 2 7/16")	057.3016.250
	6,000 (19' 8 7/32")	057.3016.600
	cut to size	057.3016.990
	2,000 (6' 6 3/4")	057.3016.201
	2,500 (8' 2 7/16")	057.3016.251
	6,000 (19' 8 7/32")	057.3016.601
	cut to size	057.3016.991
	2,000 (6' 6 3/4")	057.3098.001
	cut to size	057.3098.990

**Components for running tracks**

	No.
 Track cleaner, plastic, blue	057.3099.071
 Key for dismounting, steel, zinc-plated	042.3119.101

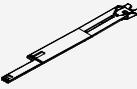
**Assembly set**

	No.
Assembly set Hawa Porta 60/100, 2000 mm (6' 6 3/4")	057.3179.200
Assembly set Hawa Porta 60/100, 2500 mm (8' 2 7/16")	057.3179.250
Assembly set Hawa Porta 60/100, 3000 mm (9' 10 1/8")	057.3179.300

Set consisting of:		mm (inch)	057.3179.200	057.3179.250	057.3179.300	No.
	Running track, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4")	1			057.3174.200
	Assembly pin, plastic, gray		9	11	13	057.0201.001
	Countersunk head screw, 5x40 mm (3/16"x1 9/16"), steel, zinc-plated		10	12	14	766.3054.140
	Running track, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16")		1		057.3174.250
	Running track, aluminum, anodized, pre-drilled	3,000 (9' 10 1/8")			1	057.3174.300

**Push-to-open with self closing mechanism  
(must only be used with Hawa Porta 100)**

	No.
Push-to-open Hawa Porta 100, 40-100 kg (88 to 220 lbs.), 1 piece	057.3178.071

Set consisting of:		057.3178.071	No.
	Push-to-open Hawa Porta 100, 40-100 kg (88 to 220 lbs.), with self-closing	1	057.3177.071
	Release piece for Push-to-open, zinc die casting	1	057.3176.001
	Screw set soft close	1	600.0000.566

**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

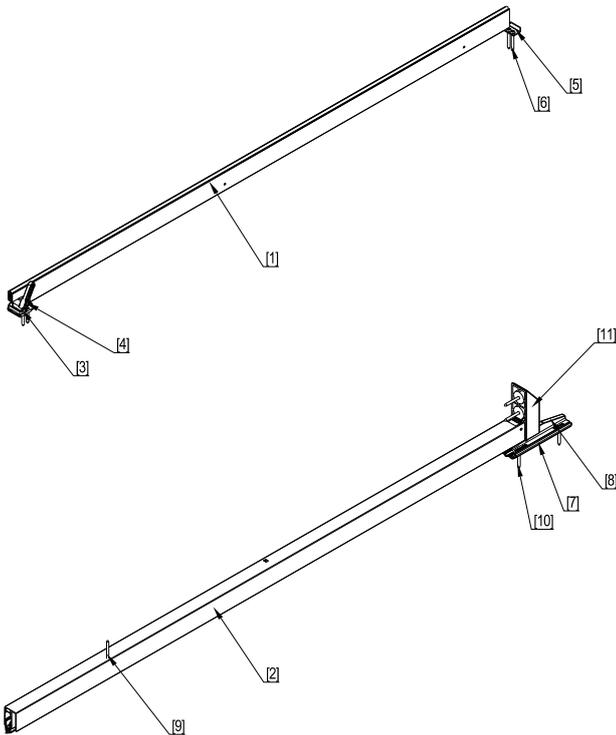
**Sets right type  
(horizontal seal set)**

	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:**



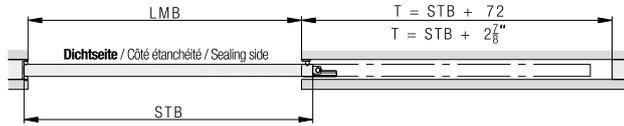
Position Position Position	Bezeichnung Désignation Designation	Anzahl Numéro Number	Typ Type Type			
1	<b>Hubdichtung</b> Joint de levage Header seal	1	<b>Links/Rechts</b> Gauche/Droite Left/Right			
			XS	30454		
			S	30385		
			M	30455		
			L	30456		
			XL	30457		
			XXL	31568		
2	<b>Senkdichtung</b> Joint d'abaissement Floor seal	1	<b>Links</b> Gauche Left		<b>Rechts</b> 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	<b>Kleinteileset oben</b> Kit pour petites pièces, supérieur Small parts set top	1	<b>Links</b> Gauche Left	30390	<b>Rechts</b> Droite Right	30392
7, 8, 9, 10	<b>Kleinteileset unten</b> Kit pour petites pièces, inférieur Small parts set bottom	1	<b>Links</b> Gauche Left	30416	<b>Rechts</b> Droite Right	30417
11	<b>Pocketadapter</b> Adaptateur pour caisson à galandage Pocket adapter	1	<b>Links/Rechts</b> Gauche/Droite Left/Right	30418		

**Definition left, right / door width calculation**

**Left type (left hand lock)**

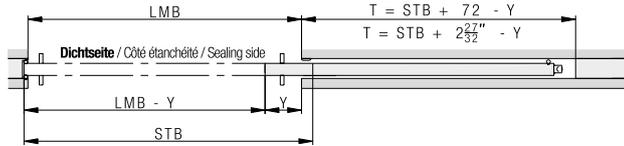
**Ganzöffnend**  
Ouverture complète  
Fully opening

$$\begin{aligned} \text{STB} &= \text{LMB} + 50 \\ \text{STB} &= \text{LMB} + 1\frac{31}{32} \end{aligned}$$



**Teilöffnend**  
Ouverture partielle  
Partially opening

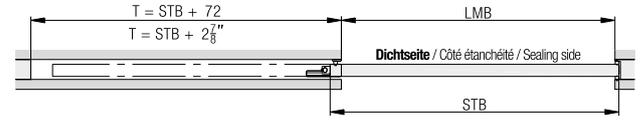
$$\begin{aligned} \text{STB} &= \text{LMB} + 50 \\ \text{STB} &= \text{LMB} + 1\frac{31}{32} \end{aligned}$$



**Right type (right hand lock)**

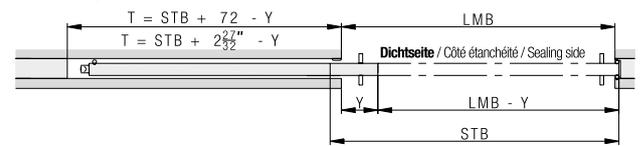
**Ganzöffnend**  
Ouverture complète  
Fully opening

$$\begin{aligned} \text{STB} &= \text{LMB} + 50 \\ \text{STB} &= \text{LMB} + 1\frac{31}{32} \end{aligned}$$



**Teilöffnend**  
Ouverture partielle  
Partially opening

$$\begin{aligned} \text{STB} &= \text{LMB} + 50 \\ \text{STB} &= \text{LMB} + 1\frac{31}{32} \end{aligned}$$

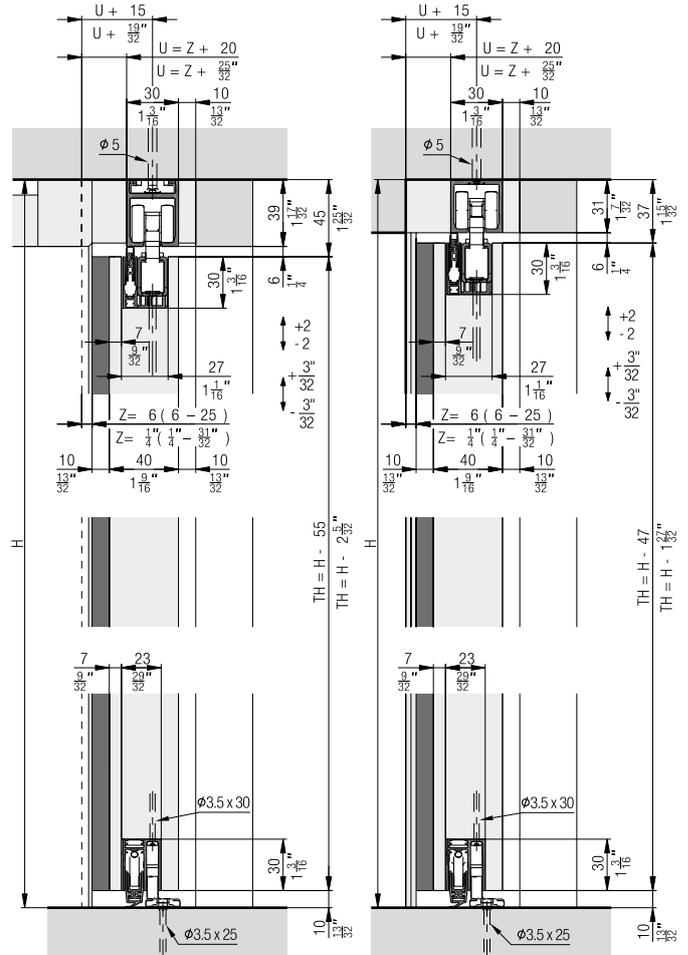


**Acoustics set determination**

	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

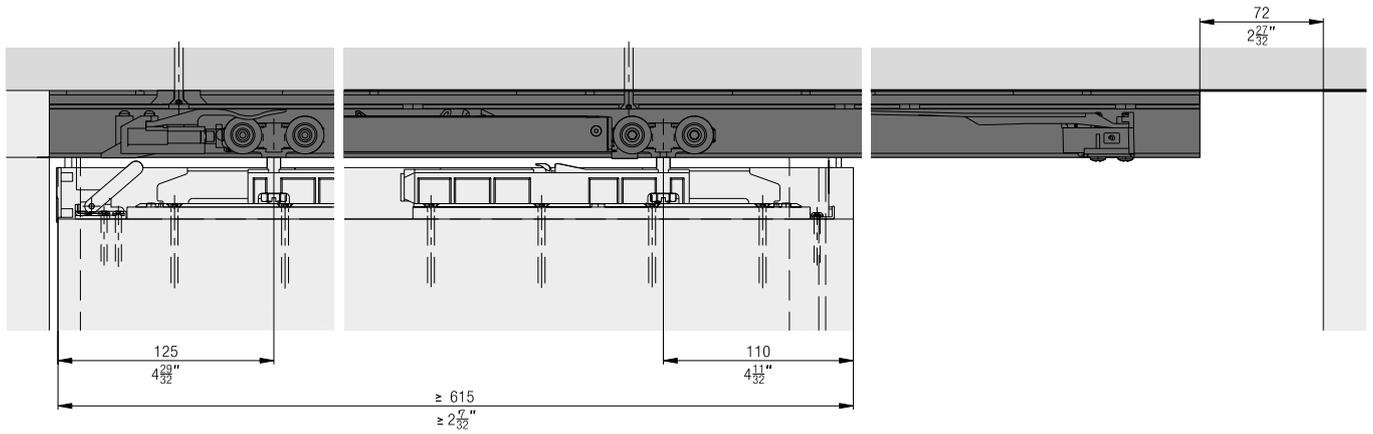
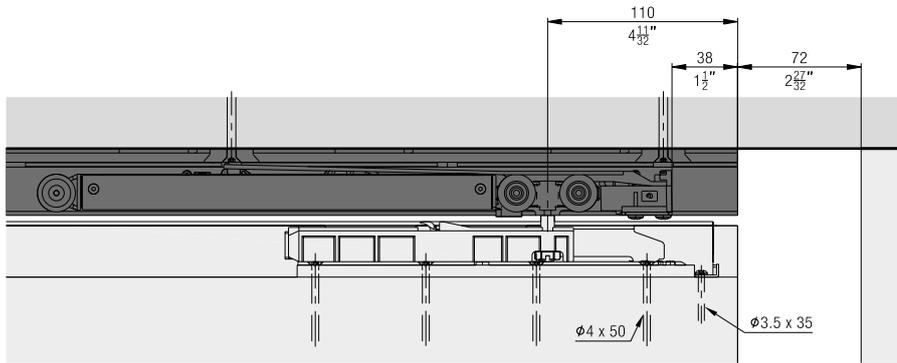
	LMB
Hawa Acoustics XS	2'5 11/32" - 2'9 19/32"
Hawa Acoustics S	2'9 19/32" - 3'2 11/16"
Hawa Acoustics M	3'2 11/16" - 3'7 1/16"
Hawa Acoustics L	3'7 1/16" - 4' 1/32"
Hawa Acoustics XL	4' 1/32" - 4'5 1/16"
Hawa Acoustics XXL	4'5 1/16" - 4'9 7/8"
Hawa Acoustics XXXL	4'9 7/8" - 4'11 1/16"

**Further installation examples**





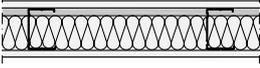
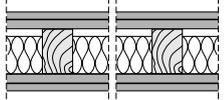
Push-to-open with self closing mechanism



**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 $R_w$
<p>Wall with minimum acoustic rating of <math>R_w</math> 52 dB</p> <p>Lightweight construction wall with metal stand</p>  <p>Lightweight construction wall with wooden stand</p>  <p>Solid wall</p>  <p>Acoustic ratings for wall construction according to manufacturer. The acoustic values may vary if installed in different wall types.</p>	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 18 dB
	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics		Single door leaf, approx. 19 kg/m <sup>2</sup> acoustic rating of $R_w$ 29 dB	≈ 31 dB
			Chipboard, approx. 25 kg/m <sup>2</sup> No defined acoustic rating	≈ 30 dB
		Door leaf with medium sound attenuation level approx. 25 kg/m <sup>2</sup> , acoustic rating of $R_w$ 39 dB	≈ 34 dB	
	Hawa Junior 100 B Acoustics Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	44 mm	Single door leaf, approx. 20 kg/m <sup>2</sup> acoustic rating of $R_w$ 29 dB	≈ 30 dB
			Door leaf with medium sound attenuation level approx. 28 kg/m <sup>2</sup> , acoustic rating of $R_w$ 40 dB	≈ 34 dB
	Hawa Junior 100 B Acoustics	50 mm	Door leaf with high sound attenuation level approx. 33 kg/m <sup>2</sup> , acoustic rating of $R_w$ 42 dB	≈ 35 dB
	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 20 dB
			Single door leaf, approx. 19 kg/m <sup>2</sup> , acoustic rating of $R_w$ 29 dB	≈ 31 dB
			Door leaf with medium sound attenuation level approx. 25 kg/m <sup>2</sup> , acoustic rating of $R_w$ 39 dB	≈ 37 dB
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/m <sup>2</sup> acoustic rating of $R_w$ 29 dB	≈ 32 dB
			Door leaf with medium sound attenuation level approx. 28 kg/m <sup>2</sup> , acoustic rating of $R_w$ 40 dB	≈ 39 dB
Hawa Junior 100 B Pocket Acoustics		50 mm	Door leaf with high sound attenuation level approx. 33 kg/m <sup>2</sup> , acoustic rating of $R_w$ 42 dB	≈ 41 dB

**Planning/execution**

Further information about the product can be found on [www.hawa.com](http://www.hawa.com).