Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track. Sound attenuation. Wall mounting. Minimal installation height.

Product highlights

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

Flexibility — Running tracks for wall mounting with integrated clip-on system

Technical specifications

Max. 100 kg (220 lbs.)

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

750–1250 mm (2' 5 17/32'' to 4' 1 7/32'') 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
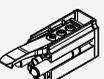
Running tracks

	mm (inch)	No.
Running track, wall mounting, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4 '')	27673
	2,500 (8' 2 7/16'')	30323
	3,000 (9' 10 1/8 '')	27672
	6,000 (19' 8 7/32'')	27671
	4,000 (13' 1 15/32'')	30324
	cut to size	27695

Panels

	mm (inch)	No.
Clip-on panel to running track, aluminum, anodized	2,000 (6' 6 3/4 '')	27689
	2,500 (8' 2 7/16'')	30328
	3,000 (9' 10 1/8 '')	27688
	4,000 (13' 1 15/32'')	30330
	6,000 (19' 8 7/32'')	27687
	cut to size	27698

Panel end component set, 95 mm (3 3/4''), aluminum, wall mounting

	No.
Panel end component set, left, 95 mm (3 3/4''), aluminum, anodized	30434
Panel end component set, right, 95 mm (3 3/4''), aluminum, anodized	30435

Set consisting of:

		30434	30435	No.
	Panel end component, left, 95 mm (3 3/4"), aluminum, anodized, can be cut to size	1		30131
	Bracker connector, steel, zinc-plated	1	1	057.3051.101
	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	2	2	011.0101.171
	Panel end component, right, 95 mm (3 3/4"), aluminum, anodized, can be cut to size		1	30398

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

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

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:
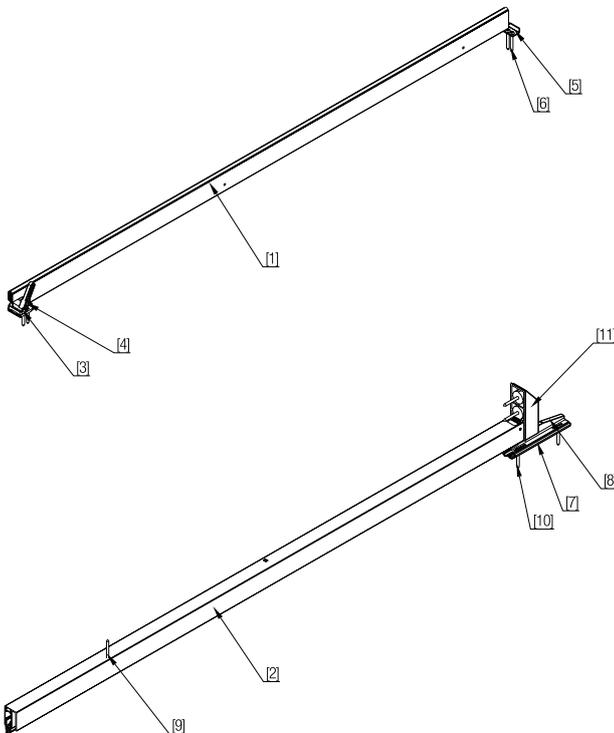
Position Position Position	Bezeichnung Désignation Designation	Anzahl Numéro Number	Typ Type Type			
1	**Hubdichtung** Joint de levage Header seal	1	**Links/Rechts** Gauche/Droite Left/Right			
			XS	30454		
			S	30385		
			M	30455		
			L	30456		
			XL	30457		
2	**Senkdichtung** Joint d'abaissement Floor 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
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		

Subject to technical modifications. Metric specifications are exact. Inches are approximate.
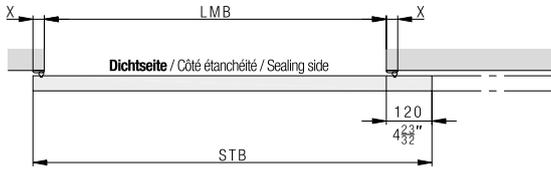
81

Definition left, right / door width calculation

Left type (left hand lock)

Ganzöffnend
Ouverture complète
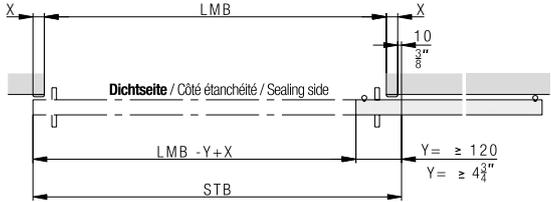Fully opening

$STB = LMB + X + 120$
$STB = LMB + X + 4\frac{23}{32}''$

X = Zargenmass 30 - 60
X = Dimension du cadre 30 - 60
X = Frame dimension $1\frac{3}{16}$ - $2\frac{3}{8}$

X · LMB · X

Dichtseite / Côté étanchéité / Sealing side

120
$4\frac{23}{32}''$

STB

Teilöffnend
Ouverture partielle
Partially opening

$STB = LMB + (2 * X) + 10$
$STB = LMB + (2 * X) + \frac{13}{32}''$

X = Zargenmass 30 - 60
X = Dimension du cadre 30 - 60
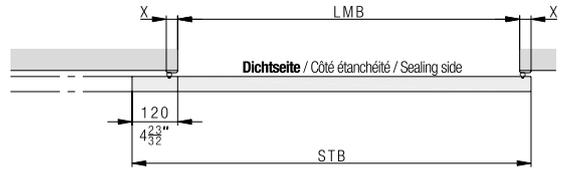X = Frame dimension $1\frac{3}{16}$ - $2\frac{3}{8}$

X · LMB
10 $\frac{3}{8}''$

Dichtseite / Côté étanchéité / Sealing side

LMB - Y + X
$Y = \geq 120$
$Y = \geq 4\frac{3}{4}''$

STB

Right type (right hand lock)

Ganzöffnend
Ouverture complète
Fully opening

$STB = LMB + X + 120$
$STB = LMB + X + 4\frac{23}{32}''$

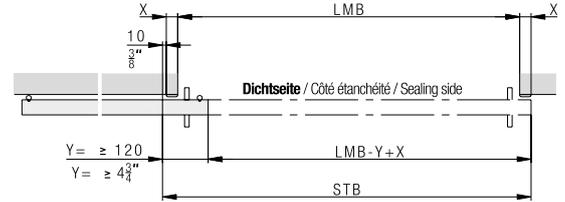**X = Zargenmass 30 - 60**
X = Dimension du cadre 30 - 60
X = Frame dimension $1\frac{3}{16}$ - $2\frac{3}{8}$

X · LMB · X

Dichtseite / Côté étanchéité / Sealing side

120
$4\frac{23}{32}''$

STB

Teilöffnend
Ouverture partielle
Partially opening

$STB = LMB + (2 * X) + 10$
$STB = LMB + (2 * X) + \frac{13}{32}''$

X = Zargenmass 30 - 60
X = Dimension du cadre 30 - 60
X = Frame dimension $1\frac{3}{16}$ - $2\frac{3}{8}$

X · LMB · X
10 $\frac{3}{8}''$

Dichtseite / Côté étanchéité / Sealing side

$Y = \geq 120$
$Y = \geq 4\frac{3}{4}''$
LMB - Y + X

STB

Acoustics set determination

Ganzöffnend
Ouverture complète
Fully opening

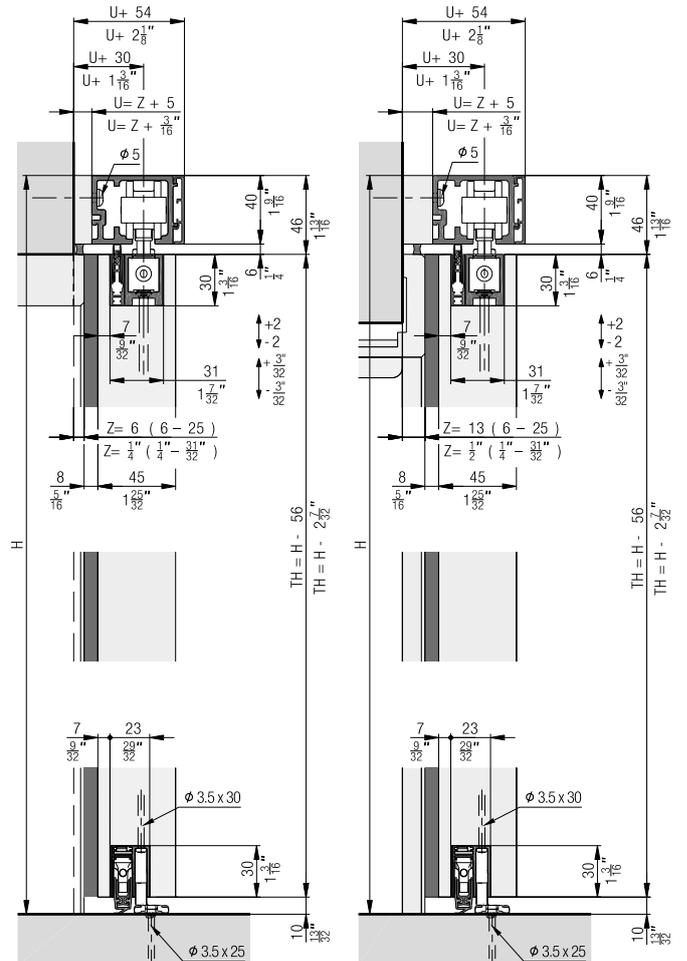| X	LMB			
	30	40	50	60
Hawa Acoustics XS	750 - 780	750 - 770	750 -760	750
Hawa Acoustics S	780 - 900	770 - 890	760 - 880	750 - 870
Hawa Acoustics M	900 - 1030	890 - 1020	880 - 1010	870 - 1000
Hawa Acoustics L	1030 - 1150	1020 -1140	1010 - 1130	1000 - 1120
Hawa Acoustics XL	1150 - 1250	1140 - 1250	1130 - 1250	1120 - 1250

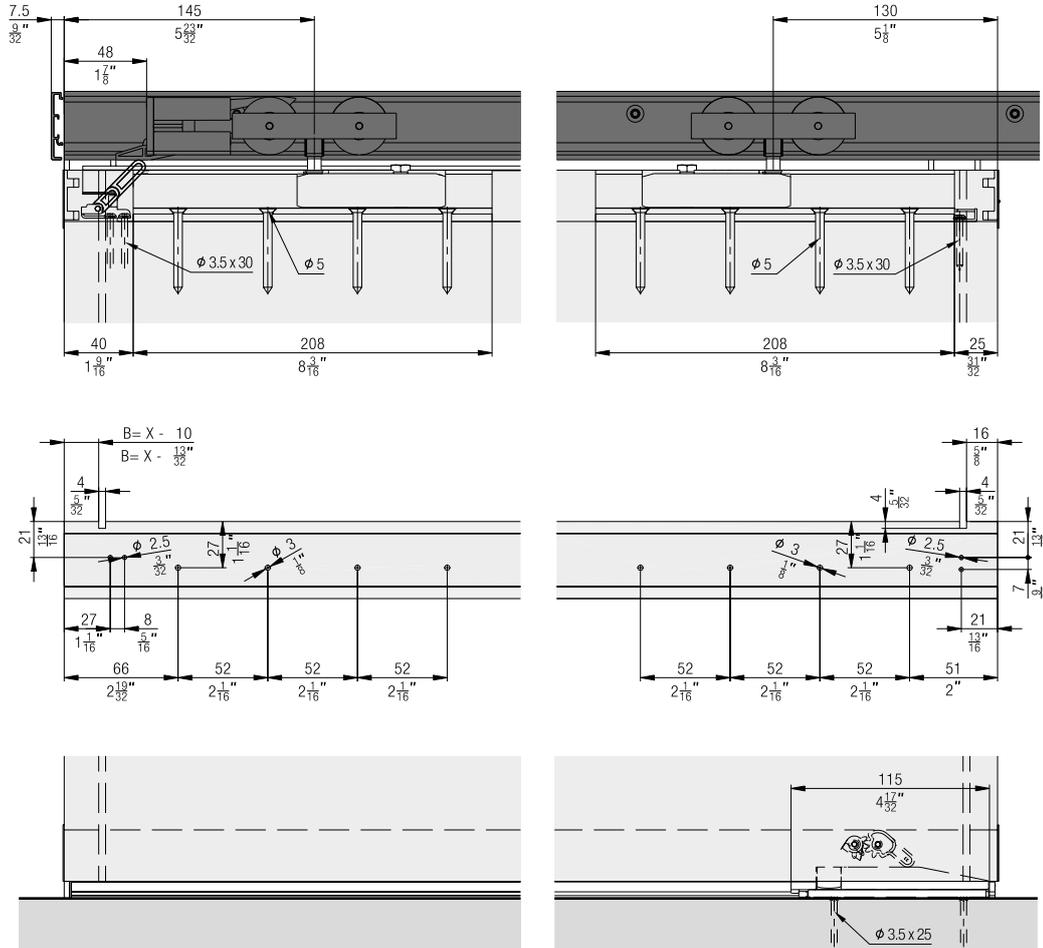| X	LMB			
	$1\frac{3}{16}''$	$1\frac{9}{16}''$	$1\frac{31}{32}''$	$2\frac{3}{8}''$
Hawa Acoustics XS	$2' 5\frac{17}{32}'' - 2' 6\frac{23}{32}''$	$2' 5\frac{17}{32}'' - 2' 6\frac{5}{16}''$	$2' 5\frac{17}{32}'' - 2' 5\frac{29}{32}''$	$2' 5\frac{17}{32}''$
Hawa Acoustics S	$2' 6\frac{23}{32}'' - 2'11\frac{7}{16}''$	$2' 6\frac{5}{16}'' - 2'11\frac{1}{16}''$	$2' 5\frac{29}{32}'' - 2'10\frac{21}{32}''$	$2' 5\frac{17}{32}'' - 2'10\frac{1}{4}''$
Hawa Acoustics M	$2'11\frac{7}{16}'' - 3' 4\frac{9}{16}''$	$2'11\frac{1}{16}'' - 3' 4\frac{5}{32}''$	$2'10\frac{21}{32}'' - 3' 3\frac{3}{4}''$	$2'10\frac{1}{4}'' - 3' 3\frac{3}{8}''$
Hawa Acoustics L	$3' 4\frac{9}{16}'' - 3' 9\frac{9}{32}''$	$3' 4\frac{5}{32}'' - 3' 8\frac{7}{8}''$	$3' 3\frac{3}{4}'' - 3' 8\frac{1}{2}''$	$3' 3\frac{3}{8}'' - 3' 8\frac{3}{32}''$
Hawa Acoustics XL	$3' 9\frac{9}{32}'' - 4' 1\frac{7}{32}''$	$3' 8\frac{7}{8}'' - 4' 1\frac{7}{32}''$	$3' 8\frac{15}{32}'' - 4' 1\frac{7}{32}''$	$3' 8\frac{3}{32}'' - 4' 1\frac{7}{32}''$

Teilöffnend
Ouverture partielle
Partially opening

X	LMB			
	30	40	50	60
Hawa Acoustics XS	750 - 870	750 - 850	750 - 830	750 - 810
Hawa Acoustics S	870 - 990	850 - 970	830 - 950	810 - 930
Hawa Acoustics M	990 - 1120	970 - 1100	950 - 1080	930 - 1060
Hawa Acoustics L	1120 - 1240	1100 - 1220	1080 - 1200	1060 - 1180
Hawa Acoustics XL	1240 - 1250	1220 - 1250	1200 - 1250	1180 - 1250

X	LMB			
	$1\frac{3}{16}''$	$1\frac{9}{16}''$	$1\frac{31}{32}''$	$2\frac{3}{8}''$
Hawa Acoustics XS	$2' 5\frac{17}{32}'' - 2'10\frac{1}{4}''$	$2' 5\frac{17}{32}'' - 2' 9\frac{15}{32}''$	$2' 5\frac{17}{32}'' - 2' 8\frac{11}{16}''$	$2' 5\frac{17}{32}'' - 2' 7\frac{7}{8}''$
Hawa Acoustics S	$2'10\frac{1}{4}'' - 3' 2\frac{31}{32}''$	$2' 9\frac{15}{32}'' - 3' 2\frac{3}{16}''$	$2' 8\frac{11}{16}'' - 3' 1\frac{13}{32}''$	$2' 7\frac{7}{8}'' - 3' \frac{5}{8}''$
Hawa Acoustics M	$3' 2\frac{31}{32}'' - 3' 8\frac{3}{32}''$	$3' 2\frac{3}{16}'' - 3' 7\frac{5}{32}''$	$3' 1\frac{13}{32}'' - 3' 6\frac{17}{32}''$	$3' - 3' 5\frac{23}{32}''$
Hawa Acoustics L	$3' 8\frac{3}{32}'' - 4' \frac{13}{16}''$	$3' 7\frac{5}{32}'' - 4' \frac{1}{32}''$	$3' 6\frac{17}{32}'' - 3'11\frac{1}{4}''$	$3' 5\frac{23}{32}'' - 3'10\frac{15}{32}''$
Hawa Acoustics XL	$4' \frac{13}{16}'' - 4' 1\frac{7}{32}''$	$4' \frac{1}{32}'' - 4' 1\frac{7}{32}''$	$3'11\frac{1}{4}'' - 4' 1\frac{7}{32}''$	$3'10\frac{15}{32}'' - 4' 1\frac{7}{32}''$

Block frame / closed frame details

U+ 54
U+ $2\frac{1}{8}''$
U+ 30
U+ $1\frac{3}{16}''$
U= Z + 5
U= Z + $\frac{3}{16}''$
ø 5
40 $1\frac{9}{16}''$
46 $1\frac{13}{16}''$
30 $1\frac{3}{16}''$
6 $\frac{1}{4}''$
7 $\frac{9}{32}''$
+2 -2
+ $\frac{3}{32}''$ - $\frac{3}{32}''$
31 $1\frac{7}{32}''$
Z= 6 (6 - 25)
Z= $\frac{1}{4}''$ ($1\frac{1}{4}''$ - $\frac{31}{32}''$)
8 $\frac{5}{16}''$
45 $1\frac{25}{32}''$
H
TH = H - 56
TH = H - $2\frac{7}{32}''$
7 $\frac{9}{32}''$
23 $\frac{29}{32}''$
ø 3.5 x 30
30 $1\frac{3}{16}''$
10 $\frac{13}{32}''$
ø 3.5 x 25

U+ 54
U+ $2\frac{1}{8}''$
U+ 30
U+ $1\frac{3}{16}''$
U= Z + 5
U= Z + $\frac{3}{16}''$
ø 5
40 $1\frac{9}{16}''$
46 $1\frac{13}{16}''$
30 $1\frac{3}{16}''$
6 $\frac{1}{4}''$
7 $\frac{9}{32}''$
+2 -2
+ $\frac{3}{32}''$ - $\frac{3}{32}''$
31 $1\frac{7}{32}''$
Z= 13 (6 - 25)
Z= $\frac{1}{2}''$ ($1\frac{1}{4}''$ - $\frac{31}{32}''$)
8 $\frac{5}{16}''$
45 $1\frac{25}{32}''$
H
TH = H - 56
TH = H - $2\frac{7}{32}''$
7 $\frac{9}{32}''$
23 $\frac{29}{32}''$
ø 3.5 x 30
30 $1\frac{3}{16}''$
10 $\frac{13}{32}''$
ø 3.5 x 25

Subject to technical modifications. Metric specifications are exact. Inches are approximate.
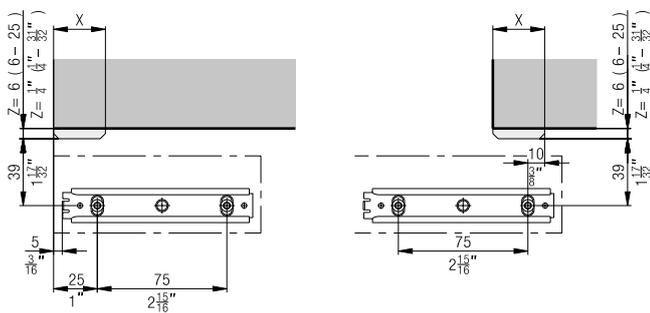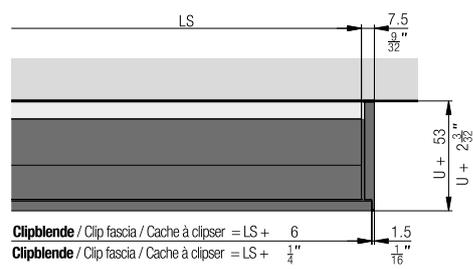
Partially opening view

Bottom guide assembly detail

Ganzöffnend
Ouverture complète
Fully opening
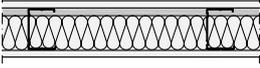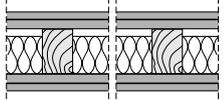
Teilöffnend
Ouverture partielle
Partially opening

Calculations of clip-on panels

Clipblende / Clip fascia / Cache à clipser = LS +	6	1.5
Clipblende / Clip fascia / Cache à clipser = LS +	$\frac{1}{4}$"	$\frac{1}{16}$"

Subject to technical modifications. Metric specifications are exact. Inches are approximate.

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Room-to-room sound attenuation

All reference values have been measured on the basis of a practical design. The Rw 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 / Rw 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 Lightweight construction wall with metal stand Lightweight construction wall with wooden stand Solid wall Acoustic ratings for wall construction according to manufacturer. The acoustic values may vary if installed in different wall types.	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 18 dB
	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	39 mm	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
	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
			Door leaf with medium sound attenuation level approx. 28 kg/m², acoustic rating of Rw 40 dB	≈ 34 dB
	Hawa Junior 100 B Acoustics	50 mm	Door leaf with high sound attenuation level approx. 33 kg/m², acoustic rating of Rw 42 dB	≈ 35 dB
	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
	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
			Door leaf with medium sound attenuation level approx. 28 kg/m², acoustic rating of Rw 40 dB	≈ 39 dB
	Hawa Junior 100 B Pocket Acoustics	50 mm	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.