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BLG - Linear Bar Grille

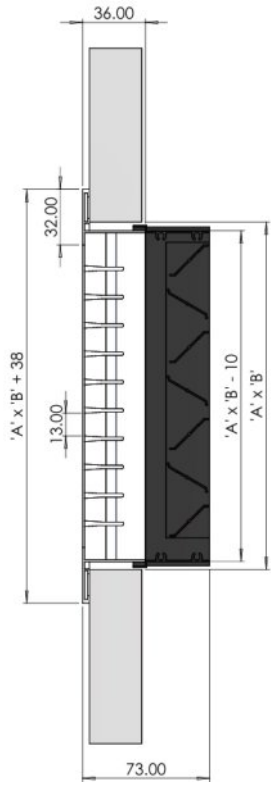
Suitable for wall, ceiling and cill mounting, can be used for both supply and return air.

The Linear bar grille is available with a selection of blade styles to suit the site application. Also the option of a spring release core enables easy access to the rear of the grille.

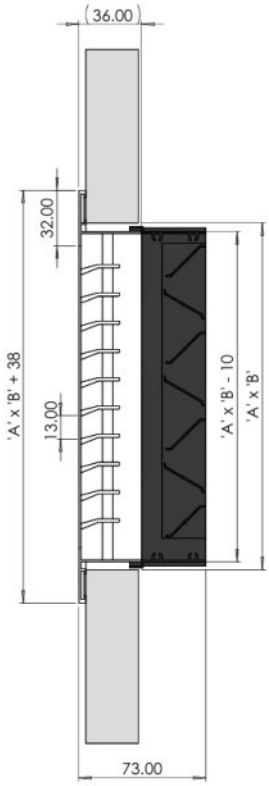


Blade Variations

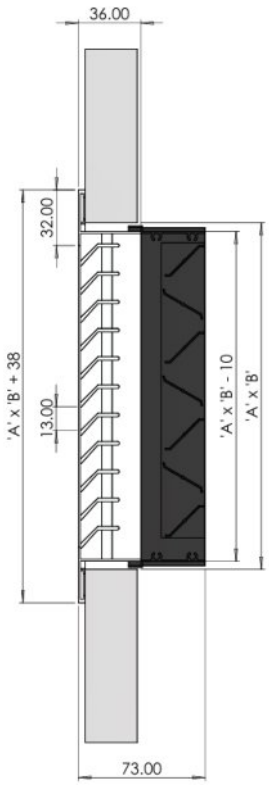
BLG-0-F

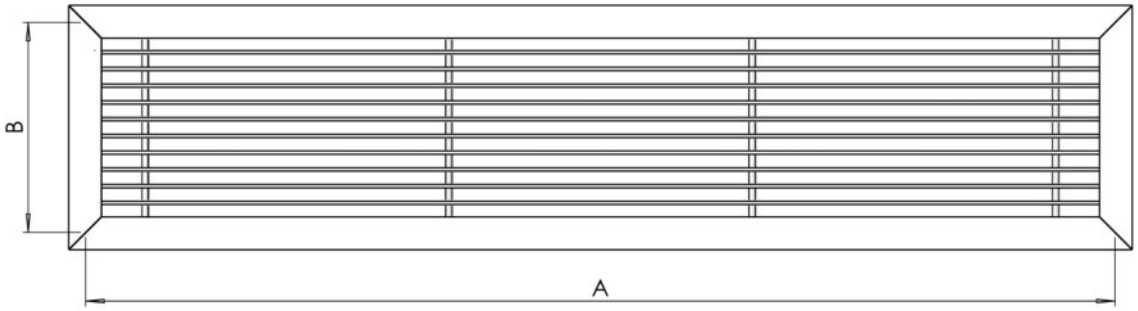


BLG-15-F



BLG-45-F





*Please contact our Sales Office on **01924 444 174** for selection guidance on the above.*

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BLG - Linear Bar Grille

How to Order

Type	Blade Style	Damper	Core	Frame	Fixings	Size	Finish
	0 - 0° Blade			0 - Flangeless			
BLG	15 - 15° Blade	D - OBD	0 - Fixed	F - Standard Frame	SF - Flange Holes	e.g. 1000 x 300	RAL Colour
	45 - 45° Blade		RC - Removable Core	CO - Core Only	0 - No Flange Holes		Mill Finish

e.g. 10 No BLG-15-D-0-F-0- 600 x 150- RAL 9006

Multiple Variations



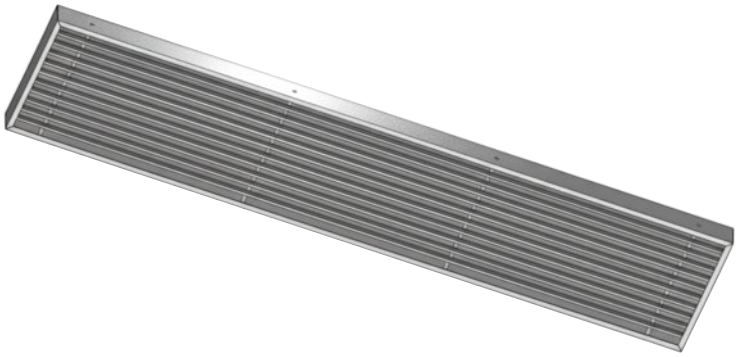
Removable Core

As well as the fixed core the Linear bar grille is available with a removable core, this enables access to the rear of the grille and OBD for balancing and cleaning.

Core Only

We also offer a core only option to suit your specific needs.





Flangeless Option

The linear bar grille is available with a flangless option to suit site applications.

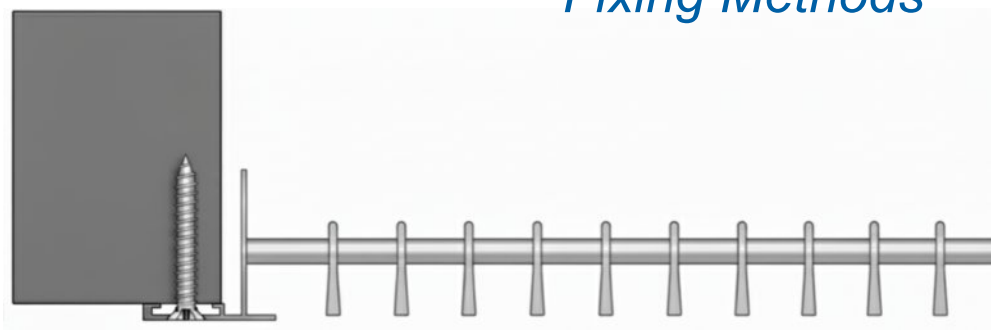
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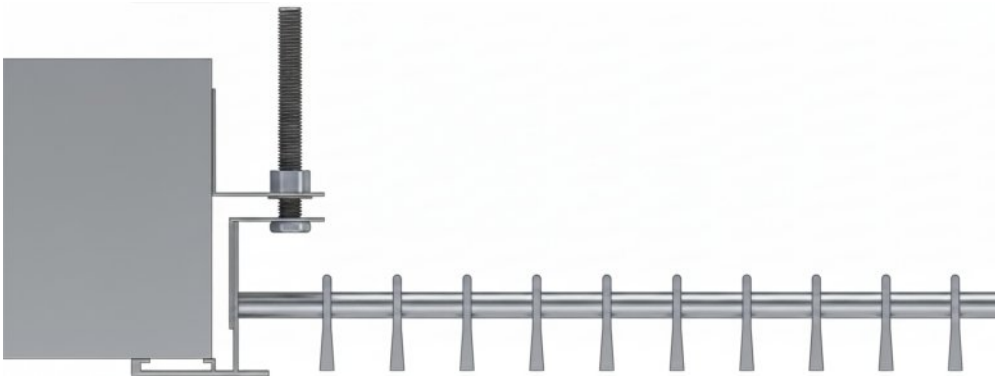
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Fixing Methods



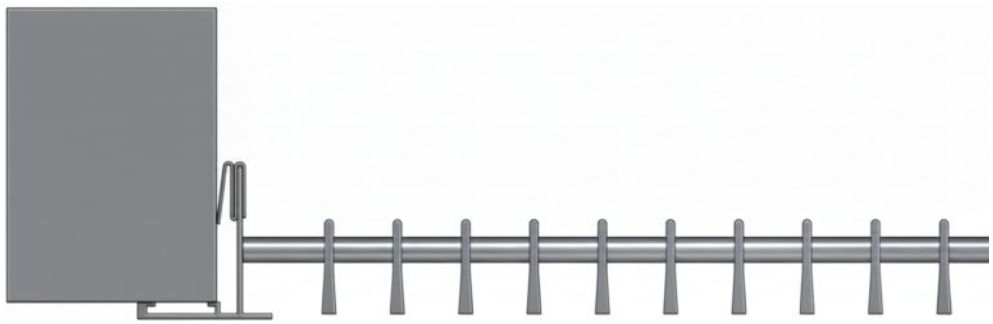
Face Fixings (SF)

Our linear bar grilles can be manufactured with countersunk holes in the outer flange, Self tapping screws are provided with this option.



Concealed Fixings (CF)

We offer concealed fixing brackets for our linear bar grille, the bracket with the slotted hole is fixed to the neck of the linear bar grille, the bracket with the nutsert is fixed inside the opening, the bolt provided is used to secure the grille.



Spring Clip Fixings (SC)

Spring clip fixings can be attached to the neck of the linear bar grille, the clip compresses as it is placed into the openning, this then holds the grille in place.

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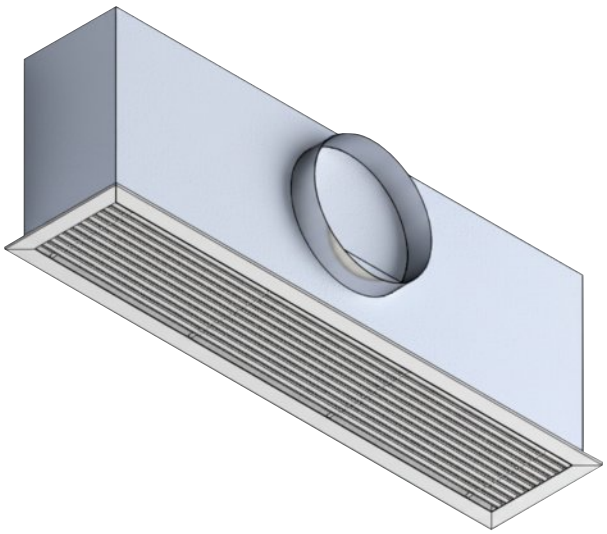
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How to Order - Plenum Boxes

Type	Spigot Orientation	Insulation	Equalizing Grid	Damper	Finish
PB - Square Box	SE - Side Entry	0 - Unlined	EQ	FD - Spigot Damper	Galvanised
	TE - Top Entry	INS - Insulated		CD - Cord Damper	RAL Colour

e.g. 10 No PB-SE-INS-EQ-FD-Galvanised (Plenum Box, Side Entry, Insulated, Equalizing Grid, Spigot Damper, Galvanised Finish)
e.g. 25 No PB-TE-INS-FD-Galvanised (Plenum Box, Top Entry, Insulated, Spigot Damper, Galvanised Finish)



Performance Data

Size											
150 X 150	L/s	10	15	20	30	35	40	50	55	60	65
	Throw 0.25 - 0.5 m/s	0.6 - 0.3	0.8 - 0.4	1.1 - 0.6	1.7 - 0.8	2.0 - 1.0	2.2 - 1.1	2.8 - 1.4	3.1 - 1.5	3.4 - 1.7	3.6 - 1.8
	Pa	1	1	1	2	3	4	6	8	9	11
	NR	12	15	17	21	24	26	30	32	35	37
200 X 200	L/s	35	40	45	50	60	70	80	90	100	110
	Throw 0.25 - 0.5 m/s	1.5 - 0.7	1.7 - 0.8	1.9 - 0.9	2.1 - 1.1	2.5 - 1.3	2.9 - 1.5	3.4 - 1.7	3.8 - 1.9	4.2 - 2.1	4.6 - 2.3
	Pa	1	1	2	2	3	4	5	7	8	10
	NR	17	18	19	21	23	26	28	31	33	36
250 X 250	L/s	60	70	80	90	100	110	120	140	160	170
	Throw 0.25 - 0.5 m/s	2.0 - 1.0	2.4 - 1.2	2.7 - 1.3	3.0 - 1.5	3.4 - 1.7	3.7 - 1.8	4.0 - 2.0	4.7 - 2.4	5.4 - 2.7	5.7 - 2.9
	Pa	1	2	2	3	3	4	5	7	9	10
	NR	18	19	21	22	24	26	27	30	34	35
300 X 300	L/s	100	110	120	140	160	180	190	210	230	250
	Throw 0.25 - 0.5 m/s	2.8 - 1.4	3.1 - 1.5	3.4 - 1.7	3.9 - 2.0	4.5 - 2.2	5.0 - 2.5	5.3 - 2.7	5.9 - 2.9	6.4 - 3.2	7.0 - 3.5
	Pa	2	2	2	3	4	5	6	7	8	10
	NR	19	20	21	24	26	28	29	31	34	36
350 X 350	L/s	140	160	180	200	220	240	260	280	300	320
	Throw 0.25 - 0.5 m/s	3.4 - 1.7	3.8 - 1.9	4.3 - 2.2	4.8 - 2.4	5.3 - 2.6	5.8 - 2.9	6.2 - 3.1	6.7- 3.4	7.2 - 3.6	7.7 - 3.8
	Pa	2	2	3	3	4	5	6	7	8	9
	NR	19	21	23	24	26	28	29	31	32	34

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400 X 400	L/s	250	270	290	310	330	350	370	390	410	430
	Throw 0.25 - 0.5 m/s	5.3 - 2.6	5.7 - 2.8	6.1 - 3.0	6.5 - 3.3	6.9 - 3.5	7.4 - 3.7	7.8 - 3.9	8.2 - 4.1	8.6 - 4.3	9.0 - 4.5
	Pa	3	4	4	5	6	6	7	8	9	9
	NR	24	25	26	27	29	30	31	32	34	35
450 X 450	L/s	350	375	400	425	450	470	490	510	530	550
	Throw 0.25 - 0.5 m/s	6.5 - 3.3	7.0 - 3.5	7.5 - 3.7	7.9 - 4.0	8.4 - 4.2	8.8 - 4.4	9.1 - 4.6	9.5 - 4.8	9.9 - 4.9	10.3 - 5.1
	Pa	4	4	5	6	6	7	8	8	9	10
	NR	25	27	28	29	30	31	32	33	34	35
500 X 500	L/s	400	425	450	475	500	525	550	600	650	680
	Throw 0.25 - 0.5 m/s	6.7 - 3.4	7.1 - 3.6	7.6 - 3.8	8.0 - 4.0	8.4 - 4.2	8.8 - 4.4	9.2 - 4.6	10.1 - 5.0	10.9 - 5.5	11.4 - 5.7
	Pa	3	4	4	5	5	6	6	7	9	10
	NR	24	25	26	27	28	29	30	32	34	35
550 X 550	L/s	500	525	550	575	600	625	650	700	750	800
	Throw 0.25 - 0.5 m/s	7.6 - 3.8	8.0 - 4.0	8.4 - 4.2	8.8 - 4.4	9.2 - 4.6	9.5 - 4.8	9.9 - 5.0	10.7 - 5.3	11.5 - 5.7	12.2 - 6.1
	Pa	4	4	4	5	5	6	6	7	8	9
	NR	25	25	26	27	28	29	29	31	33	34
600 X 600	L/s	625	650	675	700	725	750	800	850	900	950
	Throw 0.25 - 0.5 m/s	8.8 - 4.4	9.1 - 4.6	9.5 - 4.7	9.8 - 4.9	10.2 - 5.1	10.5 - 5.3	11.2 - 5.6	11.9 - 6.0	12.6 - 6.3	13.3 - 6.7
	Pa	4	4	5	5	5	6	6	7	8	9
	NR	25	26	27	27	28	29	30	32	33	34
600 X 400	L/s	350	375	400	425	450	470	490	510	530	550
	Throw 0.25 - 0.5 m/s	6.0 - 3.0	6.4 - 3.2	6.9 - 3.4	7.3 - 3.6	7.7 - 3.9	8.1 - 4.0	8.4 - 4.2	8.7 - 4.4	9.1 - 4.5	9.4 - 4.7
	Pa	3	3	4	4	5	5	5	6	6	7
	NR	23	24	25	26	27	28	28	29	30	31
700 X 400	L/s	400	425	450	475	500	525	550	600	650	680
	Throw 0.25 - 0.5 m/s	6.3 - 3.2	6.7 - 3.4	7.1 - 3.6	7.5 - 3.8	7.9 - 4.0	8.3 - 4.2	8.7 - 4.4	9.5 - 4.8	10.3 - 5.2	10.8 - 5.4
	Pa	3	3	3	4	4	5	5	6	7	8
	NR	22	23	24	25	26	27	28	29	31	32
800 X 400	L/s	700	725	750	775	800	825	850	875	900	950
	Throw 0.25 - 0.5 m/s	10.4 - 5.2	10.8 - 5.4	11.1 - 5.6	11.5 - 5.8	11.9 - 5.9	12.3 - 6.1	12.6 - 6.3	13.0 - 6.5	13.4 - 6.7	14.1 - 7.1
	Pa	6	7	7	8	8	9	9	10	10	11
	NR	30	31	31	32	33	34	35	35	36	38
1200 x 600	L/s	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
	Throw 0.25 - 0.5 m/s	10.9 - 5.4	11.9 - 5.9	12.9 - 6.4	13.9 - 6.9	14.8 - 7.4	16.8 - 7.9	16. 8 - 8.4	17.8 - 8.9	18.8 - 9.4	19.8 - 9.9
	Pa	3	4	4	5	6	6	7	8	9	10
	NR	23	25	26	27	29	30	32	33	34	36
1600 x 600	L/s	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200
	Throw 0.25 - 0.5 m/s	11.1 - 5.6	12.0 - 6.0	12.9 - 6.4	13.7 - 6.9	14.6 - 7.3	15.4 - 7.7	16.3 - 8.1	17.1 - 8.6	18.0 - 9.0	18.9 - 9.4
	Pa	4	4	4	5	5	6	6	7	7	8
	NR	25	26	26	27	28	29	30	31	32	33
1800 x 600	L/s	1600	1650	1700	1800	1900	2000	2100	2200	2300	2400
	Throw 0.25 - 0.5 m/s	12.3 - 6.4	13.3 - 6.7	13.7 - 6.9	14.5 - 7.3	15.4 - 7.7	16.2 - 8.1	17.0 - 8.5	17.8 - 8.9	18.6 - 9.3	19.4 - 9.7
	Pa	3	3	3	4	4	4	5	5	6	6
	NR	23	23	24	25	26	27	27	28	29	30

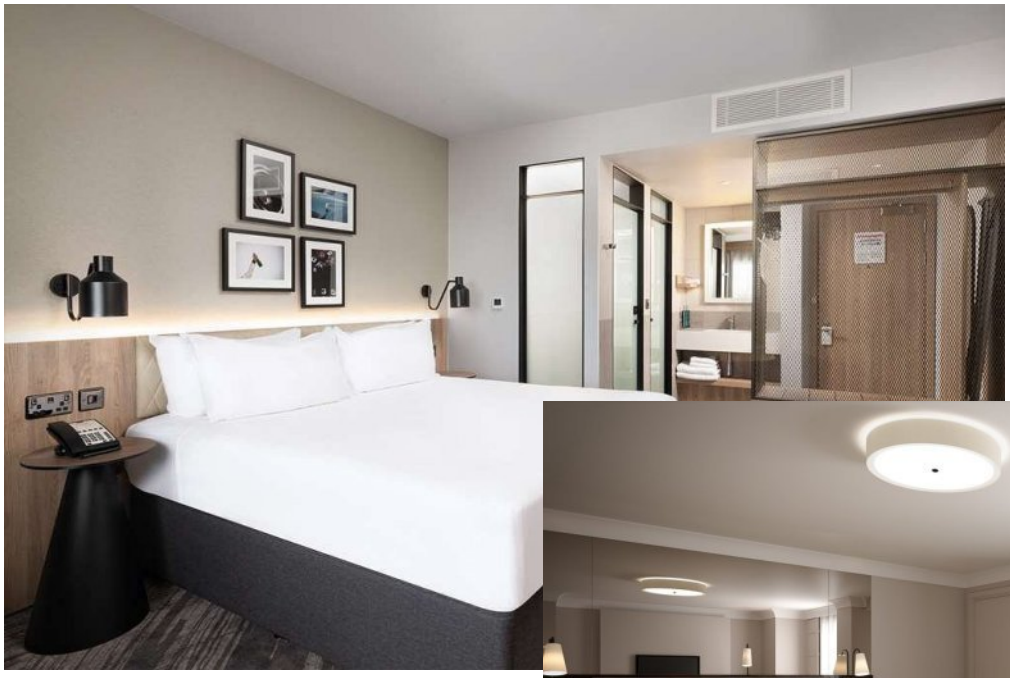
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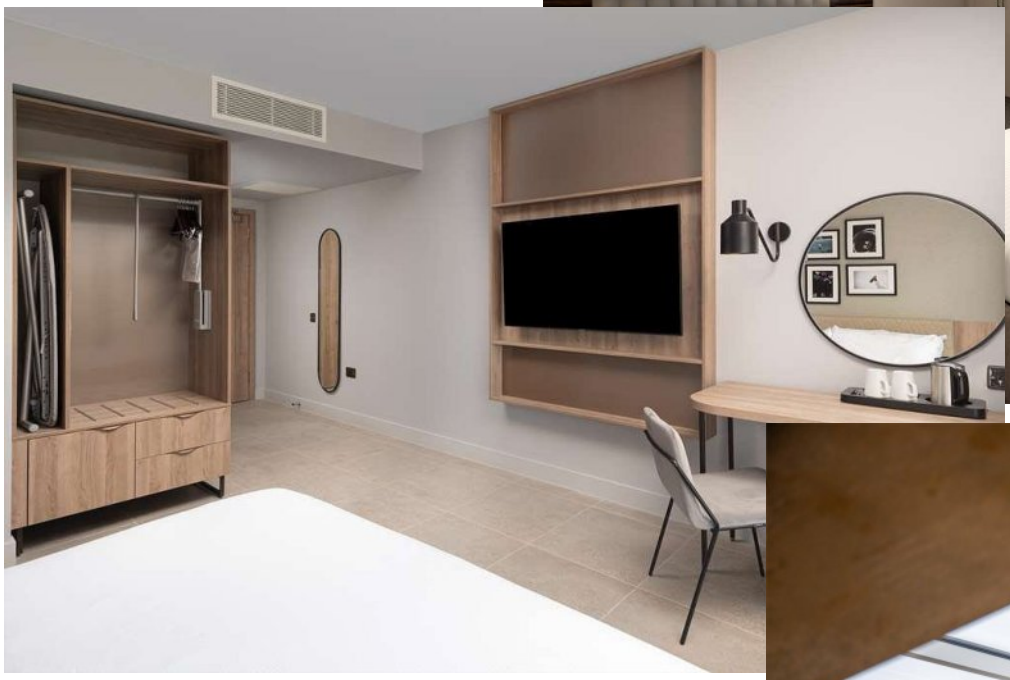
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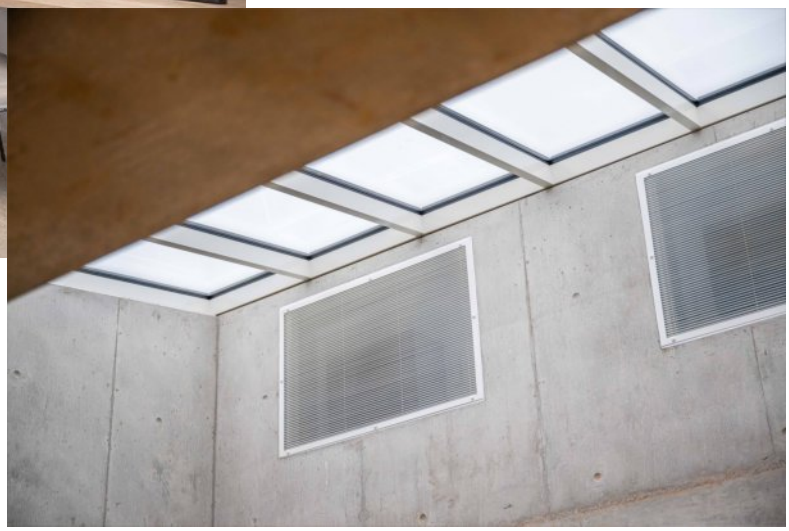
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