

Maximum installation length for vertically installed LINIT U-profiled glass within closed buildings

(for LINIT U-profiled glass produced in accordance with the General Construction Supervision Admission Z-70.4-44)

Standard single glazed (flange to the inside)



Wind load kN/m ²	LINIT type						
	P 23 L (m)	P 26 L (m)	P 33 L (m)	P 50 L (m)	P 23/60/7 L (m)	P 26/60/7 L (m)	P 33/60/7 L (m)
0,50	2,68	2,53	2,27	1,88	4,23	3,99	3,60
0,60	2,45	2,31	2,07	1,72	3,87	3,66	3,29
0,70	2,27	2,13	1,92	1,59	3,58	3,39	3,05
0,80	2,12	2,00	1,80	1,49	3,33	3,17	2,85
0,90	2,00	1,88	1,69	1,40	3,16	2,99	2,69
1,00	1,90	1,79	1,61	1,33	2,99	2,83	2,55
1,20	1,73	1,63	1,47	1,22	2,73	2,59	2,33
1,40	1,60	1,51	1,36	1,13	2,53	2,40	2,15
1,60	1,49	1,41	1,27	1,05	2,37	2,24	2,01
1,80	1,41	1,33	1,20	0,99	2,23	2,11	1,90
2,00	1,34	1,26	1,14	0,94	2,12	2,00	1,80
3,00	1,09	1,03	0,93	0,77	1,73	1,64	1,47

Standard double glazed (with padding profiles)



Wind load kN/m ²	LINIT type						
	P 23 L (m)	P 26 L (m)	P 33 L (m)	P 50 L (m)	P 23/60/7 L (m)	P 26/60/7 L (m)	P 33/60/7 L (m)
0,5	3,77	3,57	3,21	2,66	5,96	5,65	5,08
0,6	3,46	3,26	2,93	2,43	5,47	5,17	4,65
0,7	3,20	3,02	2,72	2,25	5,06	4,79	4,31
0,8	2,98	2,82	2,54	2,11	4,71	4,46	4,03
0,9	2,83	2,66	2,39	1,98	4,46	4,22	3,80
1,0	2,68	2,53	2,27	1,88	4,23	3,99	3,60
1,1	2,56	2,41	2,17	1,80	4,02	3,82	3,44
1,2	2,45	2,31	2,07	1,72	3,85	3,64	3,29
1,3	2,35	2,21	1,99	1,65	3,71	3,51	3,16
1,4	2,27	2,13	1,92	1,59	3,58	3,39	3,05
1,5	2,19	2,06	1,85	1,54	3,46	3,27	2,94
1,6	2,12	2,00	1,80	1,49	3,33	3,17	2,85
1,7	2,06	1,94	1,74	1,44	3,25	3,07	2,76
1,8	2,00	1,88	1,69	1,40	3,16	2,99	2,69
1,9	1,94	1,83	1,65	1,37	3,07	2,91	2,61
2,0	1,90	1,79	1,61	1,33	2,99	2,83	2,55
2,2	1,80	1,70	1,53	1,27	2,84	2,69	2,42
2,4	1,73	1,64	1,47	1,22	2,73	2,59	2,33
2,6	1,66	1,57	1,41	1,17	2,63	2,49	2,23
2,8	1,60	1,51	1,36	1,13	2,53	2,40	2,15
3,0	1,55	1,46	1,32	1,09	2,44	2,31	2,08

Please note:

The above mentioned wind load should be the expected maximum wind load at any case for all parts of the building!

It is assumed that it is an even wind load which affects the glass homogenously (no point loads!)

This table gives standard installation lengths in meters, for vertically installed and standard sealed LINIT U-profiled glass within closed buildings and should be used as a guide only. At any case the local regulations (like for example safety parameters) and the relevant building law, as well as all other further specific project requirements have to be taken strictly into consideration and could lead to a different calculation result!

Other glass functions (like for example: Sportshall tests etc.), which could limit the max. glass lengths in addition, are not considered in the above mentioned tables. The tables are not valid for sandblasted, drilled, toughened or enamelled U glass, either!

The tables are not valid for horizontal, inclined, point-fitted or not-sealed glass arrangements, either!

All information of Glasfabrik Lamberts GmbH & co. KG are based on our General terms and Conditions and our Terms of supply and has to be checked and controlled by the one who uses it, if it is suitable for the project and in accordance with all relevant national and international standards and construction laws!

Errors cannot be excluded!

In case of doubt or further questions please don't hesitate to contact us!