

Wind classes of Griesser facade awnings

Products	Width (mm)	Permissible wind resistance class limit values ¹⁾								
		1500	2000	2500	3000	3500	4000	4500	5000	6000
Solozip® II with zip fastening		[6]	[6]	[6]	[6]	[5]	[5]	[5]	[4]	[4]
VertiTex		2	2	2	2	2	2	2	2	2

[x] No wind resistance class in accordance with product standard, see below for significance. Values from own tests/practical

	Width (mm)	1500			2500			4000	
		2000	3000	4000	2000	3000	4000	2000	3000
	Height (mm)								
Sigara® with guide rails		3	2	1	2	2	1	2	1
Sigara® with guide cable/slat		3	2	1	2	2	1	2	–
Soloscreen® with guide rails		3	2	–	2	2	–	–	–
Soloscreen® with guide cable		3	2	–	2	2	–	–	–
Galleria®		3	2	1	2	2	–	–	–
Tube®		3	2	–	2	2	–	1	–

¹⁾ Tests in accordance with product standard SN EN 13561:2008. Product limit dimensions in accordance with data sheet.

The values in the table apply with the following reservations:

Product dimensions and use comply with the Griesser technical data sheet.

Installation, fastening and operation are carried out in accordance with installation and operating instructions.

The products should be installed in the soffit/directly on the facade, with the curtain < 100 mm away from the facade.

If the distance from the facade is between 100 and 300 mm, the value in the table must be reduced by 1 class.

If the distance from the facade is between 300 and 500 mm, the value in the table must be reduced by 2 classes.

INSTRUCTIONS FOR AUTOMATIC SOLAR SHADING

The facade awnings cannot be protected with wind sensors against sudden gusts of wind. Make sure that the facade awnings remain retracted if a storm is imminent. Updrafts or fallwinds at facades could lead to the destruction of the facade awnings. Wind sensors cannot detect these as a rule.

Wind resistance classes in accordance with SIA 342:2009

Class 0	Class 1	Class 2	Class 3	Class [4]	Class [5]	Class [6]
< 7,8 m/s	7,8 m/s	10,6 m/s	13,3 m/s	16,7 m/s	21,0 m/s	25,6 m/s
< 28,0 km/h	28,0 km/h	38,0 km/h	48,0 km/h	60,0 km/h	76,0 km/h	92,0 km/h

Setting value for wind sensors if they are fitted with the product.

[x] No wind resistance class in accordance with product standard.