

PERGOLUX

Static calculations
Series 2

PERGOLUX Pergola S2

Size	Freestanding/ Wall mounted	With/without walls	Wind load (Beaufort)	Snow load (Kg/m2)
3x3	Freestanding	Without walls	11	160
3x3	Freestanding	With walls	11	160
3x3	Wall mounted	Without walls	11	160
3x3	Wall mounted	With walls	11	160
3x4	Freestanding	Without walls	11	150
3x4	Freestanding	With walls	11	130
3x4	Wall mounted	Without walls	11	150
3x4	Wall mounted	With walls	11	130
4x4	Freestanding	Without walls	11	80
4x4	Freestanding	With walls	10	80
4x4	Wall mounted	Without walls	11	80
4x4	Wall mounted	With walls	10	80
3x5	Freestanding	Without walls	10	80
3x5	Freestanding	With walls	9	80
3x5	Wall mounted	Without walls	10	80
3x5	Wall mounted	With walls	10	80
4x5	Freestanding	Without walls	9	70
4x5	Freestanding	With walls	8	70
4x5	Wall mounted	Without walls	9	70
4x5	Wall mounted	With walls	8	70
3x6	Freestanding	Without walls	11	160
3x6	Freestanding	With walls	11	160
3x6	Wall mounted	Without walls	11	155
3x6	Wall mounted	With walls	11	155
4x6	Freestanding	Without walls	11	80
4x6	Freestanding	With walls	9	80
4x6	Wall mounted	Without walls	11	80
4x6	Wall mounted	With walls	10	80

PERGOLUX Sundream S2

Size	Freestanding/ Wall mounted	With/without walls	Wind load (Beaufort)	Snow load (Kg/m2)
3x3	Freestanding	Without walls	12	250
3x3	Freestanding	With walls	12	250
3x3	Wall mounted	Without walls	12	250
3x3	Wall mounted	With walls	12	250
3x4	Freestanding	Without walls	11	225
3x4	Freestanding	With walls	10	225
3x4	Wall mounted	Without walls	11	230
3x4	Wall mounted	With walls	10	225
4x4	Freestanding	Without walls	11	180
4x4	Freestanding	With walls	10	180
4x4	Wall mounted	Without walls	11	185
4x4	Wall mounted	With walls	10	180
3x5	Freestanding	Without walls	11	160
3x5	Freestanding	With walls	9	160
3x5	Wall mounted	Without walls	11	165
3x5	Wall mounted	With walls	10	160
3x6	Freestanding	Without walls	12	250
3x6	Freestanding	With walls	11	250
3x6	Wall mounted	Without walls	12	250
3x6	Wall mounted	With walls	11	250
4x5	Freestanding	Without walls	10	135
4x5	Freestanding	With walls	9	135
4x5	Wall mounted	Without walls	11	145
4x5	Wall mounted	With walls	10	140
4x6	Freestanding	Without walls	11	190
4x6	Freestanding	With walls	10	190
4x6	Wall mounted	Without walls	11	200
4x6	Wall mounted	With walls	10	200

PERGOLUX Skydance S2

Size	Freestanding/ Wall mounted	With/without walls	Wind load (Beaufort)	Snow load (Kg/m2)
3x3	Freestanding	Without walls	12	150
3x4	Freestanding	Without walls	12	150
4x6	Freestanding	Without walls	10	120
4x4	Freestanding	Without walls	10	120
4x4	Freestanding	With walls	10	120

Note: The Skydance emphasizes elegance over maximum strength. We chose wider louvers, longer than the smaller ones in our other pergolas. This means that it features our strongest louvers, but has a lower load per sq/ft. This design decision highlights the Skydance's sophisticated aesthetic.