enquiry sheet for suspended canopies and overhead glazing

PS SERVICE

Please fill in all fields and mark with a cross where applicable!

contact

company

telephone

contact

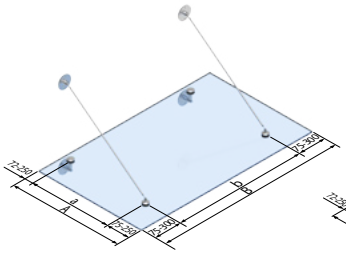
e–mail

customer no.

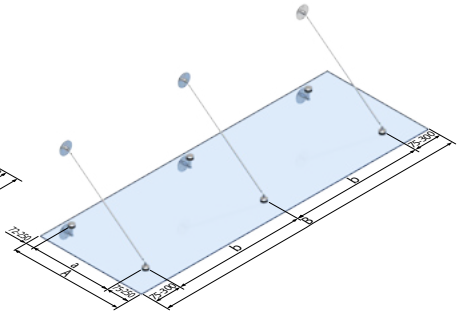
project/commission

(only one balustrade per sheet)

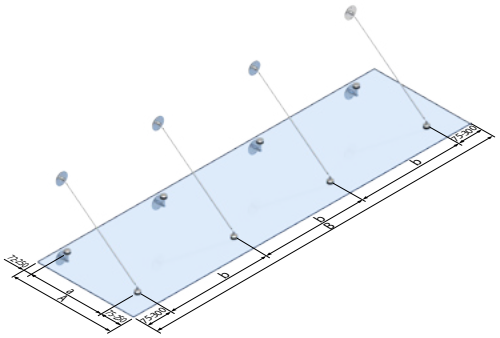
canopy type and dimensions: please mark planned canopy type.



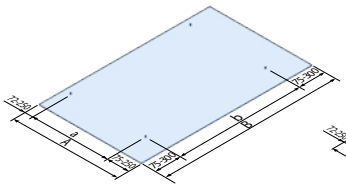
☐ 2-er with tow bars:



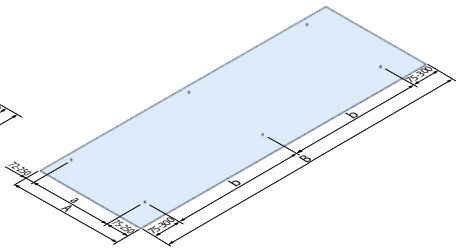
☐ 3-er with tow bars:



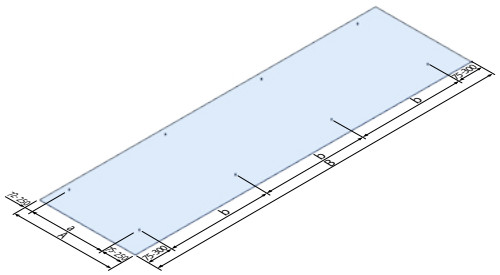
☐ 4-er with tow bars:



☐ 2-er with desired substructure:



☐ 3-er with desired substructure:



☐ 4-er with desired substructure:

dimensions:

A mm

B mm

note:

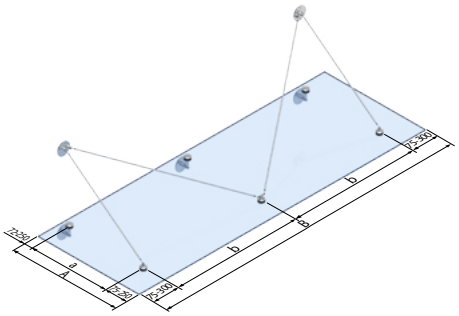
A is the total outspan and B is the total width.denotes the total width. (according to thedrawings of the individual canopies)

Point fixture spacing corresponding to the width bare denoted by b.

Spacing of point fixtures corresponding to the width Aare denoted by a.

Edge distances corresponding to the width Bare denoted by b1 and b2.

Edge distances corresponding to width A are denoted by a1 and a2.



☐ M-set with tow bars:

planned glass type:

☐ LSG made of HSG and PVB

☐ LSG made of FTG with SentryGlas® film

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hardware:

complete set:

☐ TYP Z-01

art no. _____
units _____

☐ TYP Z-02

art no. _____
units _____

☐ TYP Z-03

art no. _____
units _____

☐ TYP Z-04

art no. _____
units _____

☐ TYP Z-05

art no. _____
units _____

☐ TYP Z-06

art no. _____
units _____

☐ TYP Z-07

art no. _____
units _____

☐ TYP Z-08

art no. _____
units _____

☐ TYP Z-09

art no. _____
units _____

or individual items:

☐ upper wall mount

art no. _____ units _____

☐ lower wall mount

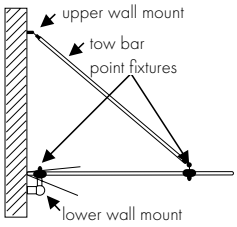
art no. _____ units _____

☐ tow bar

art no. _____ units _____

☐ point fixtures

art no. _____ units _____



point fixture spacing: (for asymmetric roofs please attach a sketch!)

☐ The point fixture spacing is irrelevant

☐ The point fixture spacing is relevant (e.g. because of substructure or windows)

a = _____ mm

b = _____ mm

a1 (edge distance front) = _____ mm
(min. 72 mm, max. 300 mm, standard 250 mm)

a2 (edge distance rear) = _____ mm
(min. 72 mm, max. 300 mm, standard 72 mm)

a1 (edge distance left) = _____ mm
(min. 75 mm, max. 300 mm, standard 300 mm)

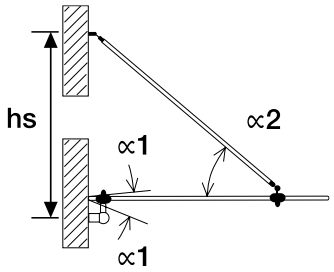
a2 (edge distance right) = _____ mm
(min. 75 mm, max. 300 mm, standard 300 mm)

☐ slope α 1 = _____ °
(max. ±22,5°, Standard 10°)

☐ slope dattachedwards
☐ slope upwards

angle α 2 between tow bar and glass panel (min. 30°, standard 35°) = _____ °

alternative: dimension hs = _____ mm



Are there constraining points/dimensions that cannot be changed under any circumstances?

☐ yes (Attach sketch with building view!)

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installation location

tattached name: _____ post code: _____

For the determination of the design value of the variable actions qd, the following information is required:

for installation in northern Germany	☐ Inland	☐ coast	☐ Islands	height above sea level	_____
north german plain?	☐ yes	☐ no			

load (design value of variable actions)

☐ **Design value q_d according to structural engineer: _____kN/m²**

☐ **I request P+S to provide a non-binding design value of the variable actions q_d.**
Pauli + Sohn will support you in determining the loads to be applied. We have to point out that a static proof or also a load determination may only be carried out by a recognized structural engineer. Therefore, the value determined by P+S is to be understood as a reference value and is not binding!

effect of wind and snow (information is obligatory)

☐ **No information on load or building geometry available.**

We would like to point out that, depending on the building geometry, the loads to be applied vary greatly. Therefore, **without the corresponding glass thickness calculation is is not possible and therefore no planning reliability is available**. Glass thickness calculations can only be for selected load levels. In this case, our glass thickness recommendation is based on a design value qd of 2.0 kN/m². This may be too low for various applications.

☐ characteristic value of the effects

	wind zone								
q_w = _____kN/m²	☐	1	☐	2	☐	3	☐	4	
	snow load zone								
s_k = _____kN/m²	☐	1	☐	1a	☐	2	☐	2a	☐ 3

☐ **The determination of the characteristic value of the effects is to be carried out by P+S.**

Due to the new load standard EC1, the determination of the load has become more complicated. This load standard is to be applied for all approvals and all technical rules (i.e., e.g. also DIN18008). Pauli + Sohn supports you in determining the loads to be applied. We would like to point out that a static proof or a load determination can only be provided by a recognized structural engineer. Therefore, the value determined by P+S is only to be is only to be understood as a reference value and is not binding!

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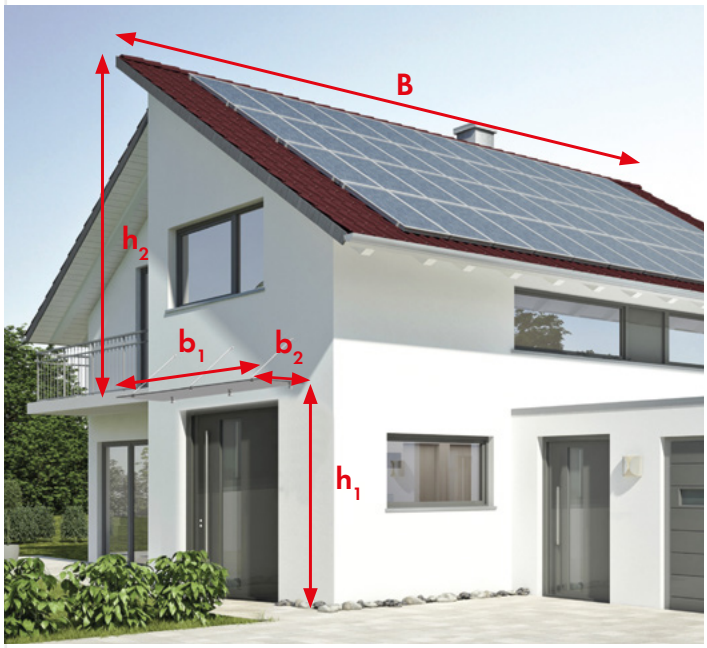
building geometry (all data in meters/manditory)



☐ **with gable roof:**

total house depth:	B =
total canopy width:	b_1 =
depth (outspan) of canopy:	b_2 =
distance ground - canopy:	h_1 =
distance canopy - roof peak house:	h_2 =

☐ **with flat roof:**

total house depth:	B =
total canopy width:	b_1 =
depth (outspan) of canopy:	b_2 =
distance ground - canopy:	h_1 =
distance canopy - roof peak house:	h_2 =