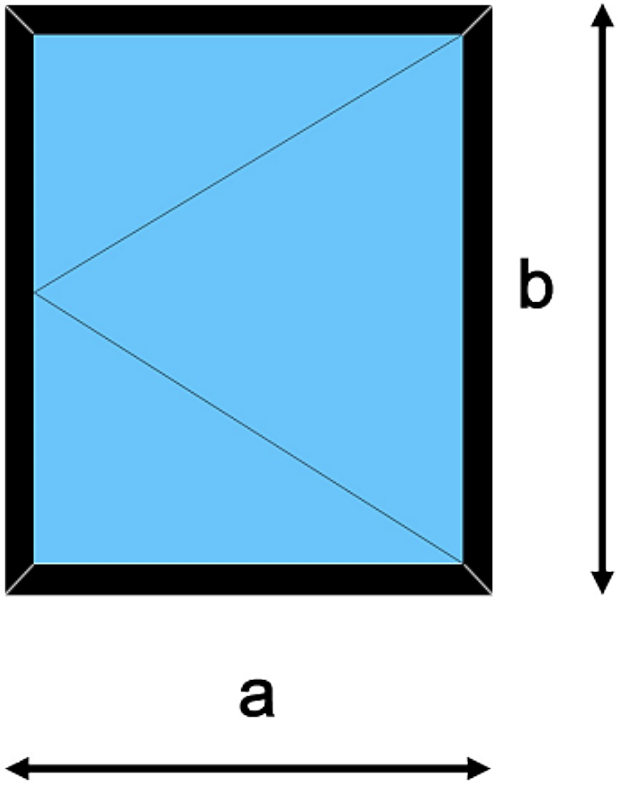
SWISSPACER
The edge of tomorrow.

CALUWIN

Date:	8/15/2020	Project:	project2020-08-15
Time:	1:59:45 PM	Window type	Single sash



The user is responsible for the correct rounding of input values Uf, Ug and Psi in accordance with EN ISO 10077-1. This standard requires the rounding of Uf- and Psi- values to two decimal places and the rounding of Ug-values to one decimal place.

External dimensions:		
a =	1.230	m
b =	1.480	m
Glass:		
	DGU_Planistar SUN Plus	
Spacer:		
	Swisspacer Advance	
Frame:		
	PVC	
Frame width:	0.11	m
Details:		
Ag (glazing area):	1.273	m²
Af (frame area):	0.548	m²
Aw (window area):	1.820	m²
Frame fraction:	30	%
Uf (frame):	1.200	W/m²K
Ug (glazing):	1.0	W/m²K
Glass thickness, e+i:	4 + 4	mm
Ψg:	0.039	W/mK
Length of glass edge:	4.540	m
Ψs:	0.00	W/mK
Length of Georgian bars:	0.000	m
Condensation Calculator		
Te (temperature external) in °C:	-5	°C
Ti (temperature internal) in °C:	20	°C
Phi (relative humidity internal) in %:	50	%
Tsi (temperature surface internal):	11.5	°C
Tdp (temperature dew point):	9.2	°C
No condensation risk		

Uw =	**1.2**	**W/m²K**
	1.157	**W/m²K**

The calculations are based on the standard EN ISO 10077-1. The calculation method of the software tool Caluwin Version 0.134.46 has been veryfied on plausibilty by ift-Rosenheim according to ift-guideline WA-05/3. The input data have not been checked by ift-Rosenheim and their corresponding proof has to be regarded as applicable documents. The user of Caluwin is responsible for the correct input data and thus for the obtained results of calculations.