

SKY-FRAME 2

DETAILS + SECTIONS

Characteristics	Sky-Frame 2	
Calculation U_w (width x height 4.6 x 3 m) acc. to norm	SIA 331	EN 10077
Heat insulation value (glass $U_g = 1.1$)	$U_w = 1.25 \text{ W/m}^2\text{K}$	1.36 $\text{W/m}^2\text{K}$
Wärmedämmwert (glass $U_g = 1.0$)	$U_w = 1.15 \text{ W/m}^2\text{K}$	1.27 $\text{W/m}^2\text{K}$
Sliding elements (max. width x height)	2.3 m x 4 m larger on request	
Fixed elements (max. width x height)	2.6 m x 4 m / 4 m x 2.6 m larger on request	
Insulating glass (double glazing)	30 mm	
Daylight/glass ratio	98%	
Water tightness to driving rain up to class	9A (EN 12208 / EN 1027*)	
Air permeability up to class	4 (EN 12207 / EN 12211*)	
Resistance to wind load up to	C3 (EN 12210 / EN 1627*)	
Anti-fall protection, Category	A (TRAV / TRLV)	
Sound reduction	$R_{w,P} 37 \text{ dB}$ (EN ISO 717-1 / EN ISO 10140*)	

Features

Sky-Frame Fly

Sky-Frame Sun

Sky-Frame Automation: Single, telescopic (2-4 four-leaf)

Sky-Frame Guard:

- RC2 (WK2) (EN 1628, 1629, 1630 / EN 1627*)

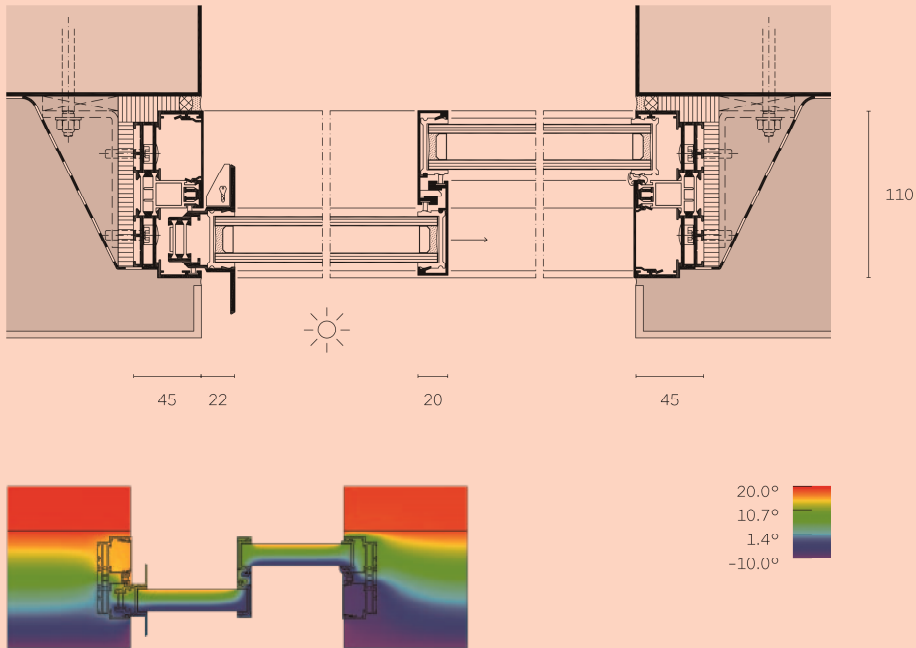
Connection to alarm system:

- Position monitoring
- Deadbolt monitoring
- Glass breakage sensor

* Classification standard / test standard

Horizontal section

Side wall junctions (scale 1:5)
and temperature profile (scale 1:10)



Vertical section

Floor and ceiling junctions (scale 1:5)
and temperature profile (scale 1:10)

