

## GLASS

Choose the glazing that best meets your needs.

	standard thermal insulation [2x glazing]	maximum thermal insulation [3x glazing]
	continually walkable	continually walkable
thermal transmission coefficient (vertical in W/m <sup>2</sup> K)	1.1	0.6
total energy transmittance (in %)	47	41
luminous transmission index tL (in%)	73	66
sound insulation value (in dB)	≥ 50	≥ 50
carrying capacity (kN/m <sup>2</sup> )	5	5

The given values are for guidance purposes

## FRAME

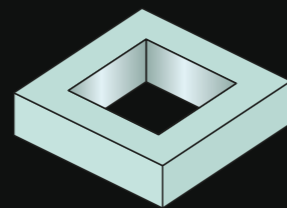
Insulated core, thermally separated from stainless steel frame and inner frame, for the 4-sided embedding of walk-on glass.

thermal conductance [W/m . K]	0.043	In standard sizes the Skyfloor BF provides a complete ready-to-install glass frame system comprising a frame with integrated walk-on glazing.
compressive strength [N/mm <sup>2</sup> ] ref. to EN 826	3.2	

## COMPENSATING FRAME

Compression-proof and thermal insulating rigid foam frame to compensate height differences of raw concrete ceiling and surrounding insulation. Variable in size and height.

thermal conductance [W/m . K]	0.043
compressive strength [N/mm <sup>2</sup> ] ref. to EN 826	3.2



## STANDARD

Skyfloor BF meets the standards for walk-on glazing required in Germany, Austria and Switzerland.

## SKYFLOOR BF

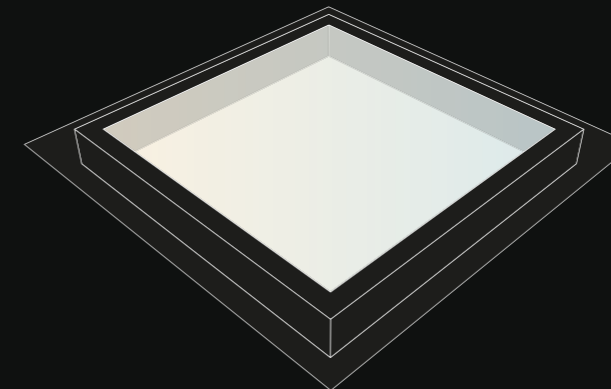
### TECHNICAL DATA

THE INSULATED WALK-ON GLAZING FOR FLAT ROOFS

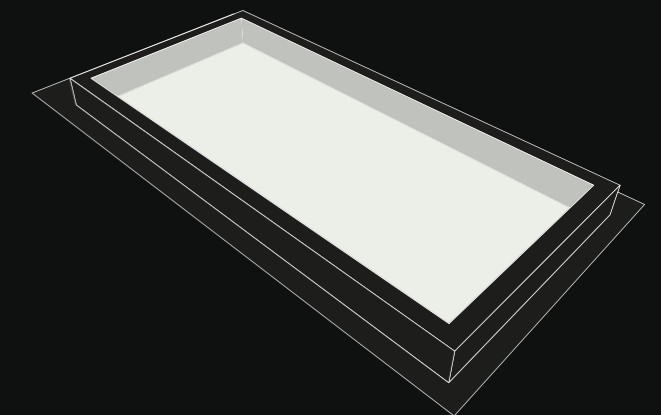
## FORM

Choose the form of non-insulated walk-on floor glazing that best meets your needs. Built as standard, with a customised finish. Wide variety of add-ons can be individualised.

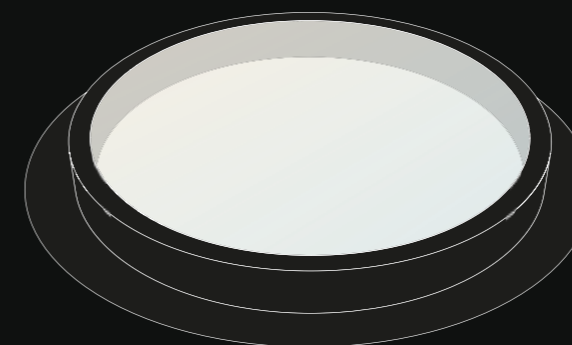
### THE SQUARE



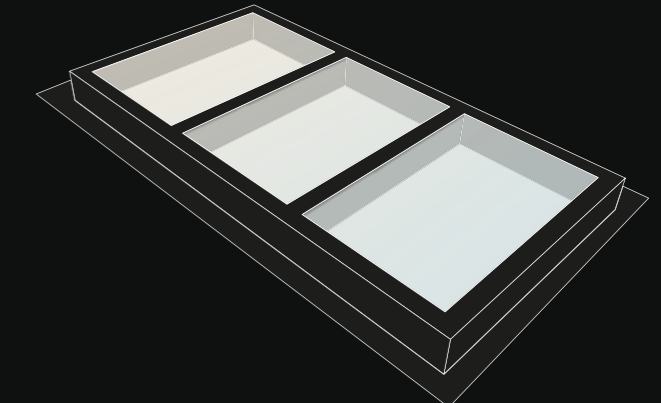
### THE RECTANGLE



### THE CIRCLE



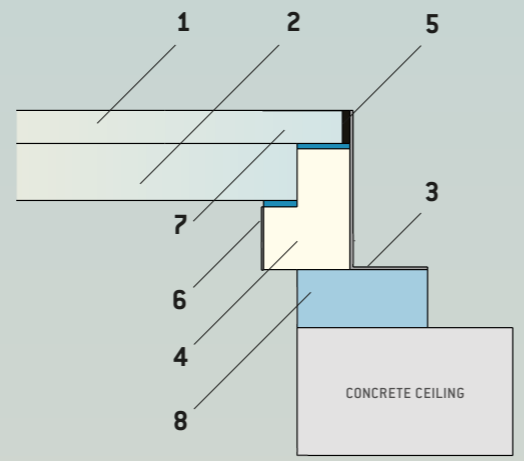
### THE INDIVIDUAL



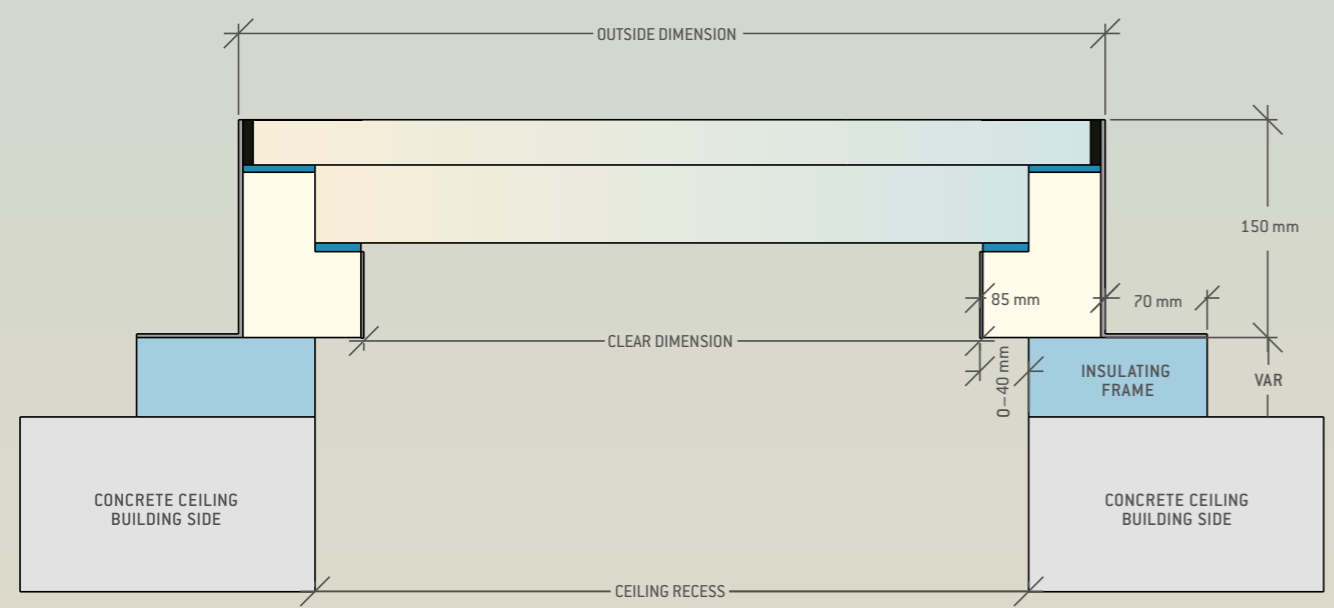
# CONSTRUCTION

- 1 static laminated safety glass \*
- 2 isolated laminated safety glass \*
- 3 stainless steel frame
- 4 insulated core
- 5 sealing joint in black
- 6 inner frame of PVC or brushed stainless steel
- 7 ceramic strip in black
- 8 insulating frame

\*laminated safety glass glazed in factory-provided frame



# DIMENSIONS



## MAXIMUM OUTER DIMENSIONS WITH ONE GLASS

-  **SQUARE**  
200 x 200 cm
-  **RECTANGLE**  
300 x 140 cm  
400 x 120 cm
-  **CIRCLE**  
Ø 200 cm

Sizes above the specified maximum dimensions can be realised using glass partitions.

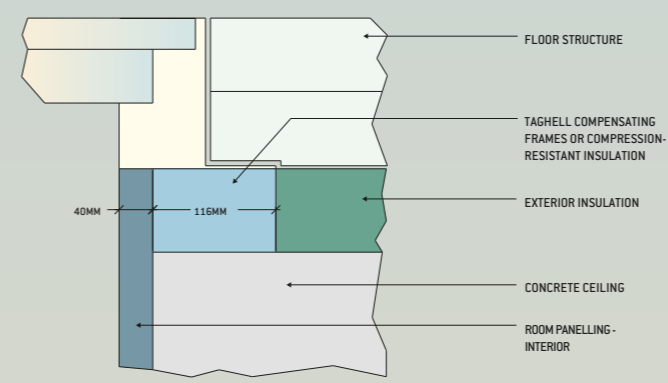
clear dimension = outside dimension - 17cm  
 ceiling recess = outside dimension - 9cm  
 Weight: approx. 130kg per m<sup>2</sup>

# CONNECTION

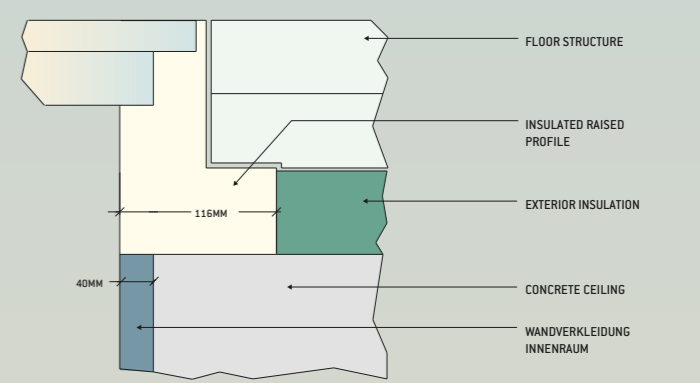
The installation of our Skyfloor BF can be undertaken by a roof specialist or by the Taghell team. The connections illustrated below are based on the type of roof and the conditions on site.

The sealing of the skyfloor needs to be carried out by a roof specialist.

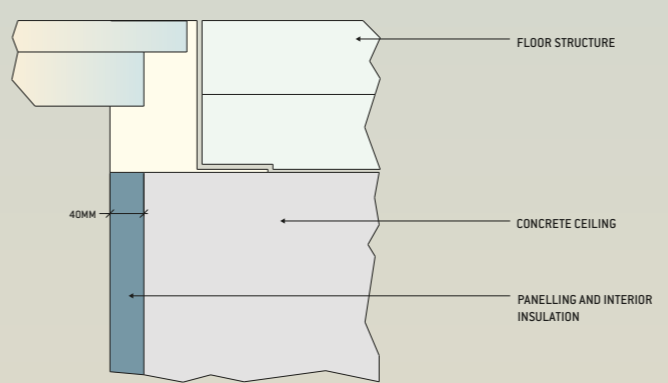
## CONNECTION WITH TAGHELL INSULATING FRAMES



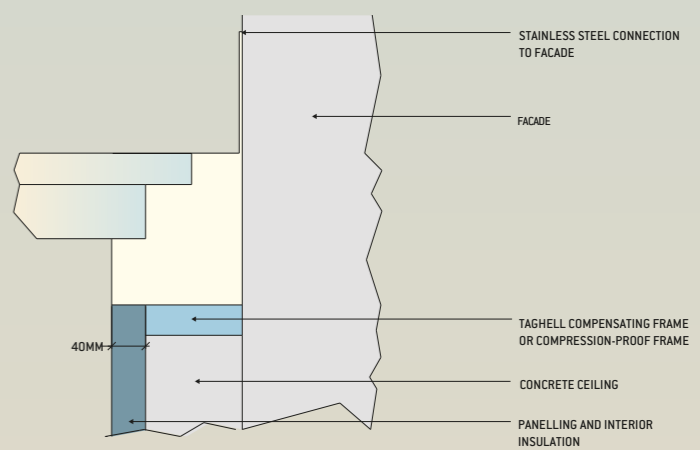
## INSTALLATION WITH TAGHELL INSULATED RAISED PROFILES



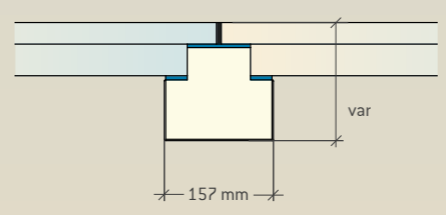
## CONNECTION TO COLD ROOF



## CONNECTION TO FACADE



## DIVISION OF GLASS



For outdoor installations we recommend a 2% incline to ensure drainage of rain and condensate.