

## SKYFLOOR BF

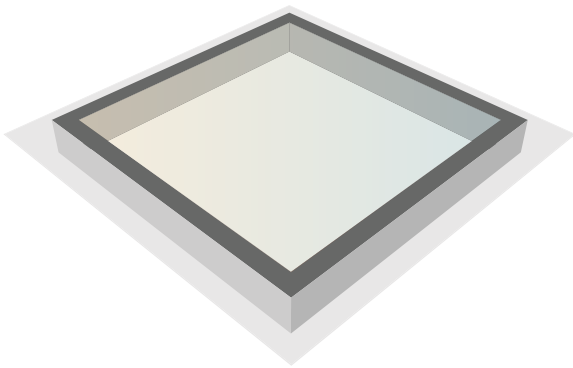
TECHNICAL DATA

THE INSULATED WALK-ON GLAZING FOR FLAT ROOF

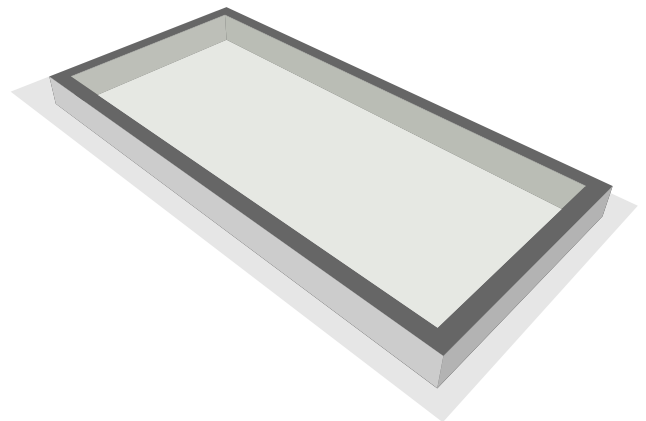
### FORM

Choose the form of your insulated walk-on glazing for flat roofs that best meets your needs.  
Meets the standards, made to measure.

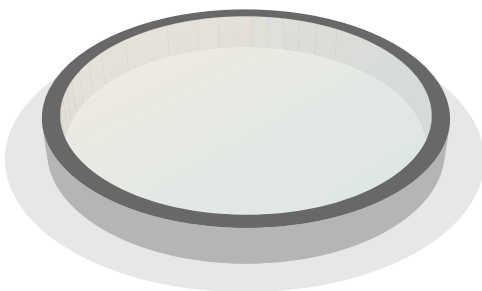
 THE SQUARE



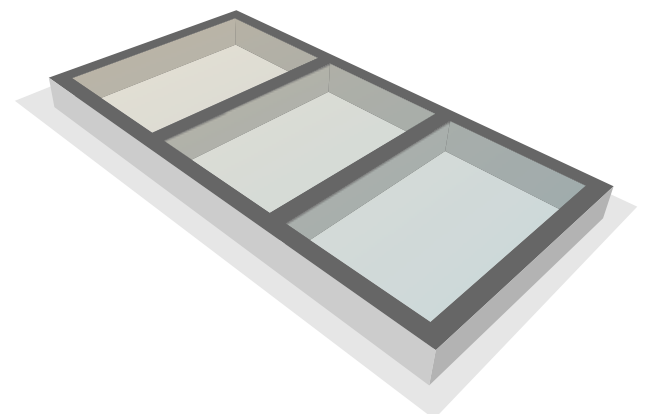
 THE RECTANGLE



 THE CIRCLE



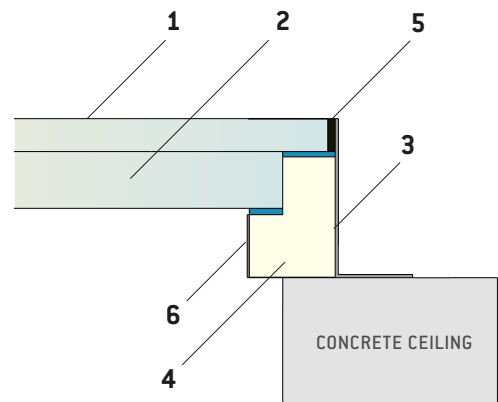
 THE INDIVIDUAL



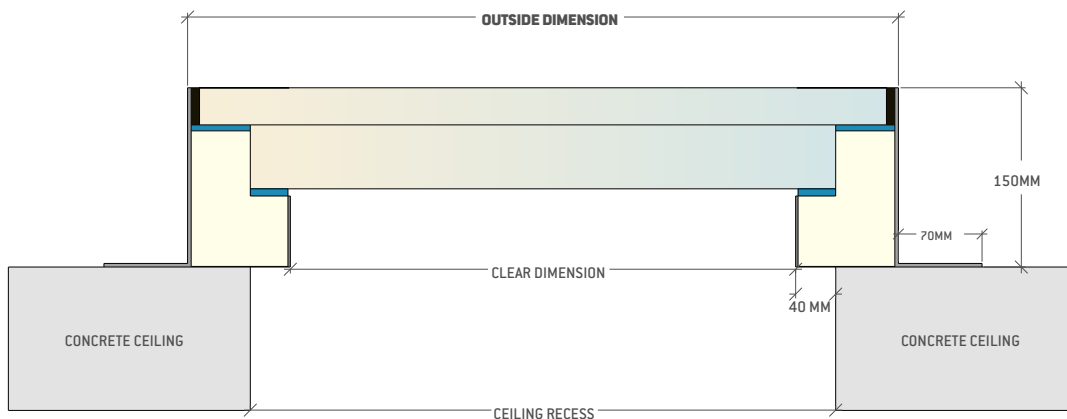
# BUILDUP

- 1 static laminated safety glass \*
- 2 isolated laminated safety glass \*
- 3 stainless steel frame
- 4 isolated core
- 5 sealing joint
- 6 inner frame PVC or brushed stainless steel

\*laminated safety glass glazed in factory-provided frame



# DIMENSIONS



## STANDARD SQUARE SIZES:



CUSTOM SIZES AT THE SAME PRICE AS THE STANDARD SIZE

- up to 80 x 80cm
- up to 100 x 100cm
- up to 120 x 120cm
- up to 150 x 150cm

## STANDARD RECTANGLE SIZES:



CUSTOM SIZES AT THE SAME PRICE AS THE STANDARD SIZE

- up to 100 x 60cm
- up to 120 x 80cm
- up to 140 x 100cm
- up to 200 x 80cm

## STANDARD CIRCLE SIZES:



CUSTOM SIZES AT THE SAME PRICE AS THE STANDARD SIZE

- up to D 80cm
- up to D 100cm
- up to D 120cm
- up to D 150cm

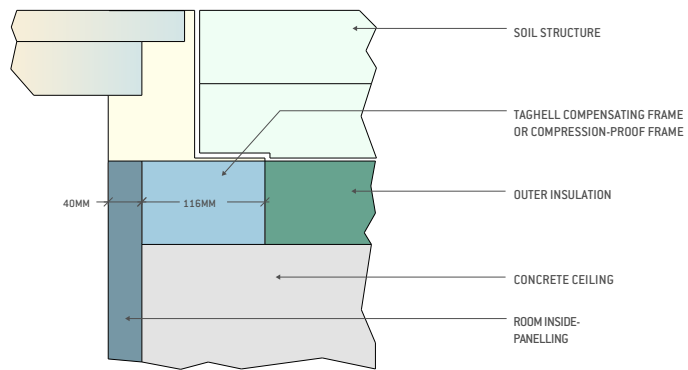
clear dimension = outside dimension - 17cm

ceiling recess = outside dimension - 9cm

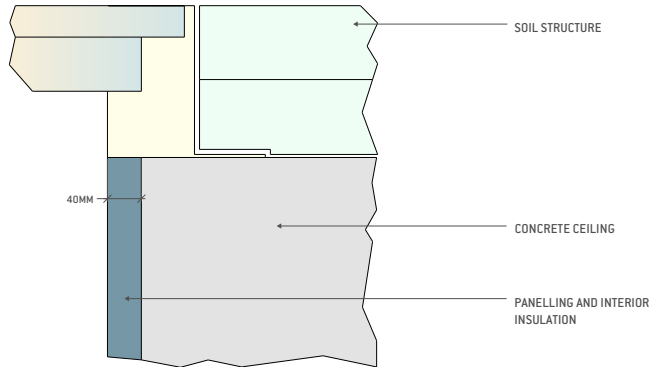
# WALL CONNECTION

Our Skyfloor BF is quick and easy to install by your roof specialist; or let our Taghell team take care of it for you. The following connections are depending on the type of roof and local conditions. The sealing of the skyfloor should generally be carried out by a roof specialist.

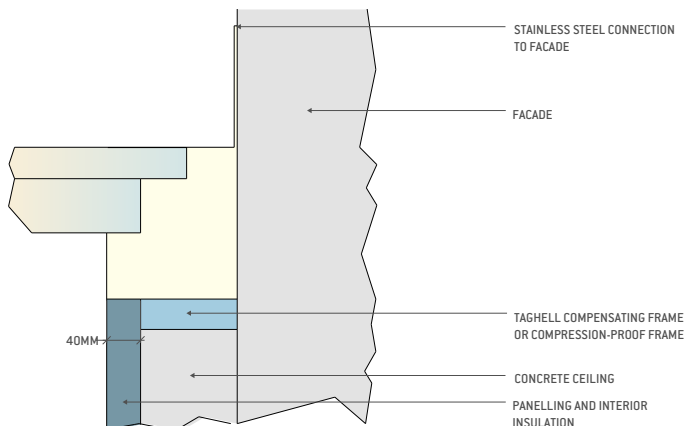
## CONNECTION TO WARM ROOF



## CONNECTION TO COLD ROOF



## STAINLESS STEEL CONNECTION TO FACADE



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

# GLASS

Choose the glazing that best meets your needs.

	standard thermal insulation (2x glazing)		maximum thermal insulation (3x glazing)	
	load-bearing	continually walkable	load-bearing	continually walkable
thermal transmission coefficient (vertical in W/m <sup>2</sup> K)	1,1	1,1	0,5	0,5
total energy transmittance (in %)	52	47	45	41
luminous transmission index tL (in%)	76	73	68	66
sound insulation value (in dB)	≥40	≥40	≥40	≥40
carrying capacity (kN/m <sup>2</sup> )	1,5	5	1,5	5

# FRAME

Insulated core is thermally separated from stainless steel frame and inner frame.

thermal conductance (W/m . K)

0,043

compressive strength (N/mm<sup>2</sup>)  
ref. to EN 826

3,2

The Skyfloor BF provides a complete ready-to-install glass frame system comprising a vented frame with an integrated walk-on glazing.

# COMPEN- SATING FRAME

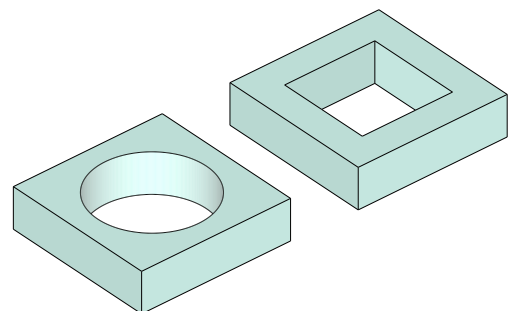
Compression-proof and thermal insulating rigid foam frame to compensate height differences of raw concrete ceiling and surrounding insulation.  
Variable in size and height.

thermal conductance (W/m . K)

0,043

compressive strength (N/mm<sup>2</sup>)  
ref. to EN 826

3,2



# STANDARD

Skyfloor BL meets standards for walk-on glazing in Germany, Austria and Switzerland.