

SKYFLOOR BS

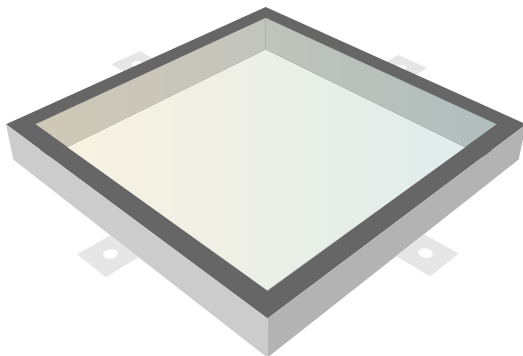
TECHNICAL DATA

THE WALK-ON FIRE RESISTANT GLAZING

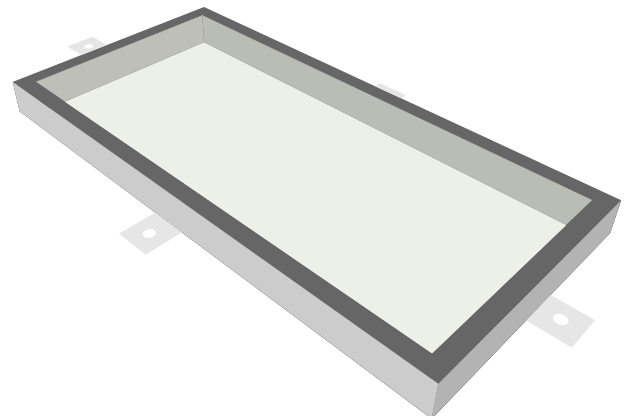
FORM

Choose the form of your walk-on fire resistant glazing that best meets your needs. Meets the standards, made to measure.

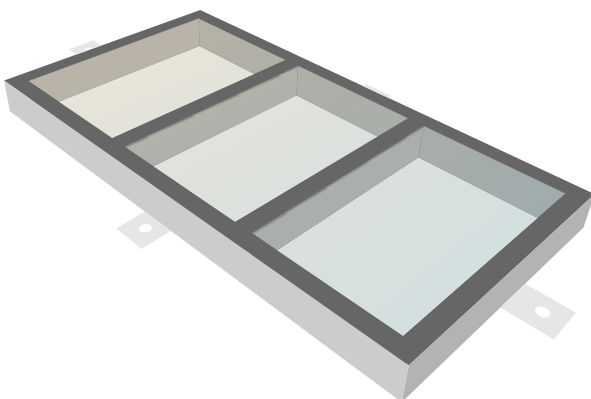
THE SQUARE



THE RECTANGLE



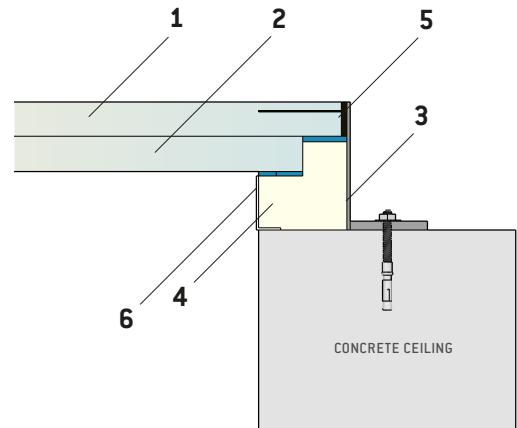
THE INDIVIDUAL



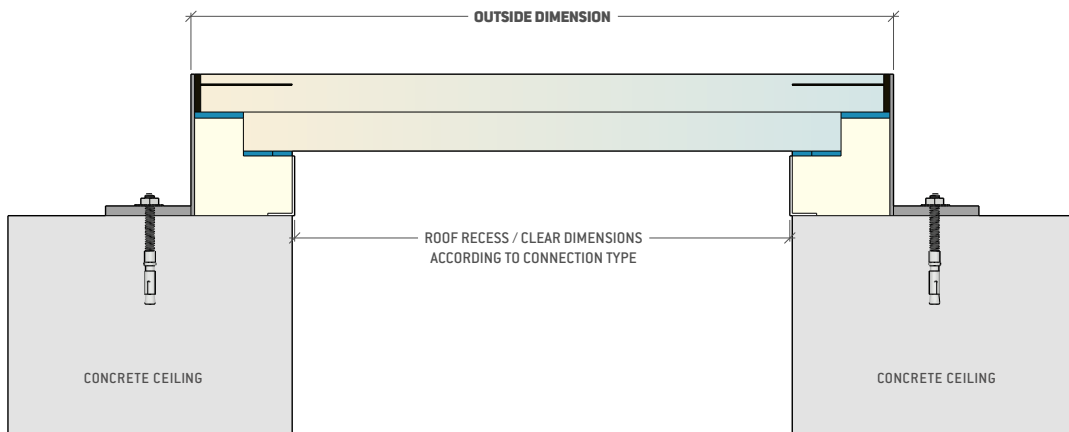
BUILDUP

- 1 static laminated safety glass *
- 2 fire-protective laminated safety glazing *
- 3 stainless steel frame
- 4 fire-protective profile
- 5 sealing joint
- 6 inner frame powder-coated / varnished

* 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

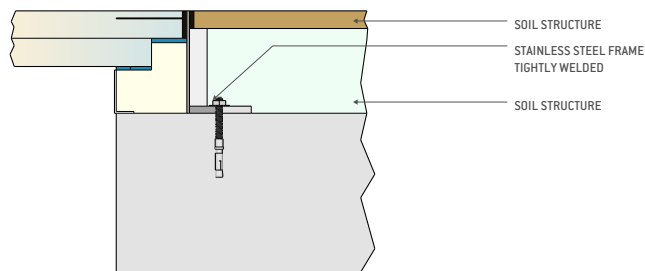
- up to 100 x 60cm
- up to 120 x 80cm
- up to 140 x 100cm
- up to 200 x 80cm

Clear dimension = outside dimension - 17cm

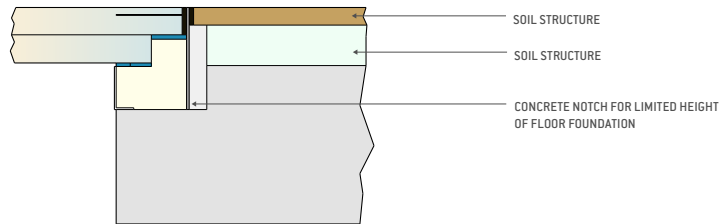
WALL CONNECTION

Our Skyfloor is quick and easy to install by your specialist; or let our Taghell team take care of it for you. The following connection types refer to the interior floor foundation.

CONNECTION TO BASE SLAB



CONNECTION TO LIMITED FLOOR FOUNDATION



The Skyfloor BS provides a complete ready-to-install glass frame system.

STANDARD

Walk-on glazing: Skyfloor BS meets standards for walk-on glazing in Germany, Austria and Switzerland

Fire resistant glazing: Installation of fire resistant walk-on glazing might require an approval in individual case (ZiE)

FIRE PROTECTION

Regarding fire behaviour, building materials are divided into the following groups: Building materials that burn by themselves, building materials that do not allow fire gases to pass through but do not prevent the heat radiation from igniting objects behind them, as well as building materials that also retain the heat radiation for a certain period of time. Fire resistance is divided into different resistance classes accordingly to their resistance expressed in minutes (Steps: 15, 30, 60, 90, 120 and 300minutes).

Room sealing and heat insulating glazing has the property of resisting the load of a fire that affects only one side in such a way that flames and fumes are prevented and that no significant heat transfer takes place. High quality fire resistant glazing, which on average is not heated by more than 140 K on the fire-facing side, belongs to classes F30 - F 120 (DIN 13501: EI 30 - EI 120) in accordance with DIN 4102.

APPROVAL IN INDIVIDUAL CASES

The installation of a fire resistant walk-on Skyfloor requires approval in individual cases. This is issued by the highest building authority of the responsible federal state at the written request of the client or representative and is limited to the respective construction project.