Sky-Frame 2

Glass Tolerances
Glass Defect Report

Glass defect

Sales partner: _____

Project name: _____

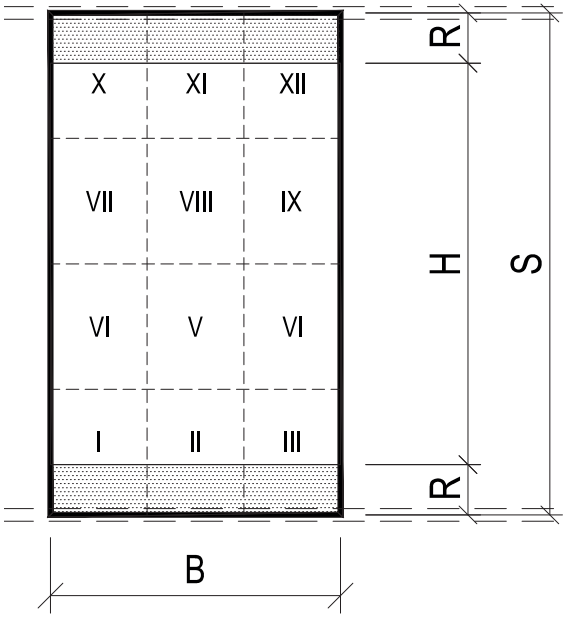
Project number: _____ glass pos. No. _____

Glass type / structure: _____

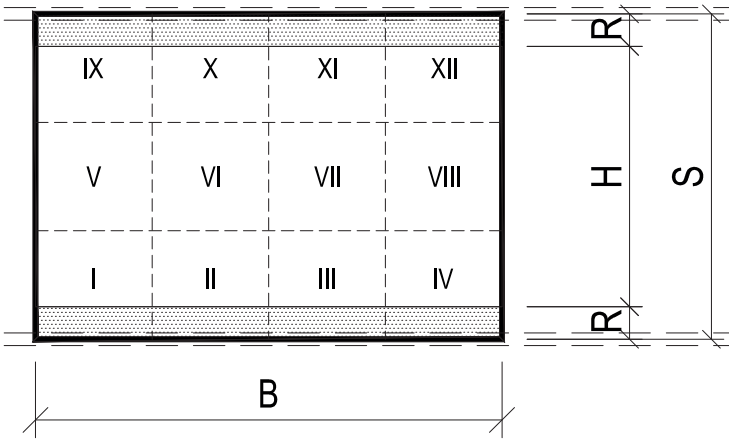
Order size B x S: _____ x _____ mm

Location of defect on the glass:
(sketch with dimension and direction of the course)

Glass high, view from the inside:



Glass wide, view from the inside:



Description of defect: (tolerances see overleaf)

_____

_____

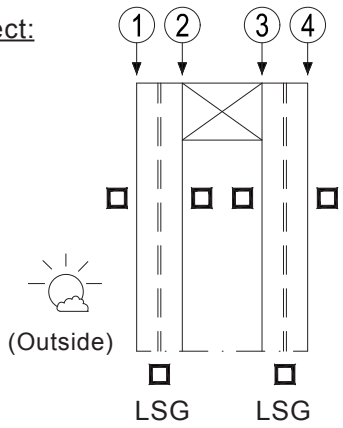
_____

(describe each defect individually)

Zone: ☐ Main zone (H) ☐ Edge zone (R = S:10)

IMPORTANT:
-) Capture situation on site with PHOTOS.
-) Photograph the complaint with SCALE!

Position of the defect:



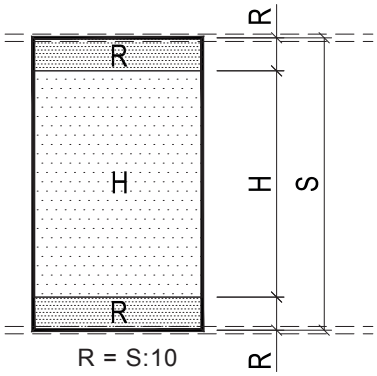
Date: _____

Signature: _____

Sky-Frame 2

Glass Tolerances Table

Tolerances table



Individual irregularities can occur during the manufacture of large panes of insulating glass.

Sky-Frame provides you with better glass quality by means of stricter criteria compared to the usual guidelines

Visibility from inside to outside from a distance of at least 1m through the glass is generally decisive, whereby complaints cannot be accepted.

Testing takes place in diffused daylight (cloudy sky) without direct sunlight or artificial lighting.

Sky-Frame Tolerance Table: **Insulating glass with float glass, PPG/TVG, TSG/ESG (coated / uncoated, without curved glass «Arc»)**		
Zone:	**Permitted area:**	**Sky-Frame 2 + Sky-Frame 3(2)** (2-IG – double insulated glass)
R	**Inclusions, bubbles, spots, marks:** Window area ≤ 1m² Window area > 1m²	max.2 pcs. Ø ≤ 3 mm max.1 pc. Ø ≤ 3 mm* (*=per metre of edge length)
	Residue (punctual) in intermediate window space (IWS): Window area ≤ 1m² Window area > 1m²	max.2 pcs. Ø ≤ 3 mm max.1 pc. Ø ≤ 3 mm* (*=per metre of edge length)
	Residue (punctual) in IWS: whitish grey or transparent	max.1 pc. ≤ 2 cm²
	Scratches: Individual length = Sum total of individual lengths =	max. 15 mm max. 45 mm
	Hairline scratches:	not grouped** Ø ≤ 0.5 mm
H	**Inclusions, bubbles, spots, marks:** Window area ≤ 1m² 1m² < window area ≤ 2m² 2m² < window area ≤ 8m² 8m² < window area ≤ 18m²	max.1 pc. Ø ≤ 2 mm max.2 pcs. Ø ≤ 2 mm max.3 pcs. Ø ≤ 2 mm max.6 pcs. Ø ≤ 2 mm
	Scratches: Individual length = Sum total of individual lengths =	max. 8 mm max. 23 mm
	Hairline scratches:	not grouped** Ø ≤ 0.5mm
R + H	**Same max. amount blemishes as zone R** Inclusions, bubbles, dots, marks etc. of 0.5 < 1.0 mm are permissible without an area limit, except for groupings**. **=grouped: grouping exists if there are at least 3 inclusions, bubbles, spots, marks etc. within a circle with a diameter of ≤ 20 cm.	
Notes: Complaints about blemishes ≤ 0.5 mm Ø are not taken into consideration. Existing blemishes (accumulation) must not be bigger than 3 mm Ø.		**Tolerances for insulating glass with laminated glass:** 50% increase in limits for zones R and H.
no reason for complaint: interference phenomena, double pane effect, anisotropies, uneven wetting of glass surfaces, condensation on the outer surfaces, mosquitoes in the intermediate window space		