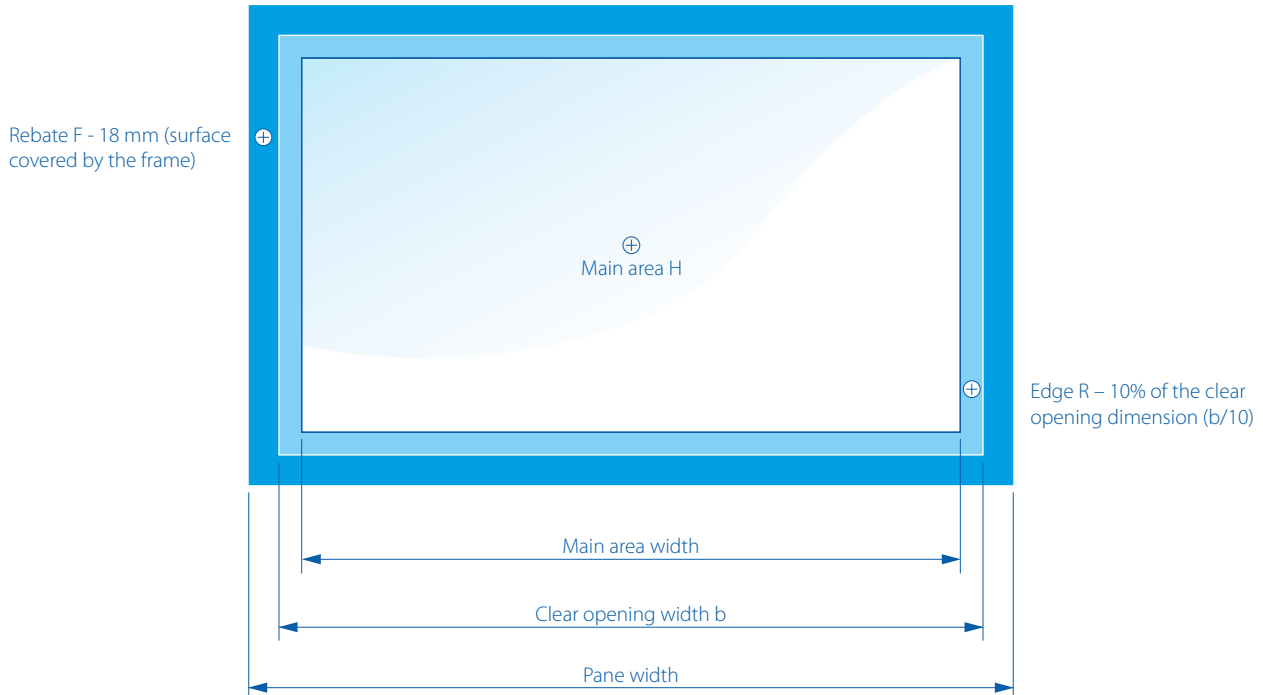


During the visual inspection of insulated glass units, three areas must be taken into account:

- **Rebate F**, up to 18 mm of the width from the pane edge (surface covered by the frame)
- **Edge**, 10% of the width and height of the open space of the insulated glass
- **Main area H**



Area	Acceptable defects
Rebate F – 18 mm from the edge – surface covered by the frame	Damage to the edge and scale outside does not affect the pane durability and edge sealing (up to 5 mm).
	Internal scales without loose splinters, filled with sealing compound.
	Point and surface impurities and abrasions, folded butyl compound – no restrictions
Edge R 10% of the width and height of the clear opening surface	Inclusions, blisters, flaws, stains: - Pane surface $\leq 1 \text{ m}^2$ - 3 defects at most - $\leq \varnothing 2 \text{ mm}$ - Pane surface $\leq 1 \text{ m}^2$ - 1 defect at most - $\leq \varnothing 2 \text{ mm/lm}$ of the edge
	Abrasion of the surface Maximum length of a single scratch < 25 mm
	Minor scratches on the surface – hairline scratches – acceptable, spread across the surface
	Flat impurities: White and grey, transparent – 1 defect $\leq 2 \text{ m}^2$
Main area H	Point defects (inclusions, blisters, spots, pits, stains, dots etc.) > 2 mm - unacceptable > 1 mm - $\leq 2 \text{ mm}$ - acceptable but no more than 2 defects/ m^2
	Scratches, abrasion: The maximum length of a single scratch is 15 mm – for a total length not exceeding 30 mm (for panes up to 5 m^2)
	Hairline scratches – acceptable, spread across the surface

NOTES:

- A hairline scratch is one less than 0.15 mm wide.
- Defects are concentrated when at least four of them are found within a circle with a diameter < 200 mm.
- This rule does not apply to defects below 0.5 mm.
- In the case of an inspection of a three-pane glass unit, the number of acceptable defects increases by 50%, and for a four-pane glass unit by 100%.
- When laminated glass is used, the number of acceptable defects increases by 50% for every next layer of glass.