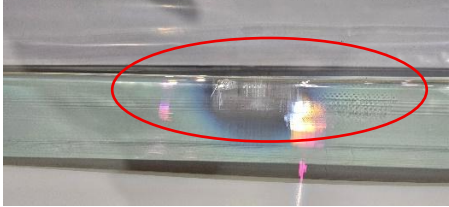
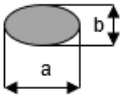


ID No	Version	Confirmation date
SPEC.P.04-25	1	09.06.2025

Quality Specification

Artglass Lifetime Acrylic 2130x3080 mm

Defect No.	Defect category	Number or permissible defects
1	Transmittance	Any uniform color accordance with design
2	Color (0/30 degree)	Any uniform color accordance with design
3	Pinholes/ high reflection points/ punctual defects	$g < 0,5 \text{ mm}$ allowed without aggregation $0,50 \text{ mm} < g \leq 0,70 \text{ mm}$ max 3 pcs/m ² $0,70 \text{ mm} < g \leq 1,00 \text{ mm}$ max 1 pcs/m ² $g > 1,0 \text{ mm}$ not permitted
4	Scratch (L -length, w-width)	$L < 0,5, w < 0,15 \text{ mm}$ allowed without aggregation $0,5 < L \leq 2,0 \text{ mm}, w < 0,15 \text{ mm}$ max 5 pcs/m ² $2,0 < L \leq 4,0 \text{ mm}, w < 0,15 \text{ mm}$ max 2 pcs/m ² $4,0 < L \leq 10,0 \text{ mm}, w < 0,15 \text{ mm}$ max 1 pcs/m ² $L > 10,0 \text{ mm} / w > 0,15 \text{ mm}$ not permitted
5	Bubble	$0,10 \text{ mm} < g \leq 0,70 \text{ mm}$ 1 pcs/m ²
6	Contaminants (Dark, or non-clear particles)	$g < 0,2 \text{ mm}$ allowed without aggregation $0,20 \text{ mm} < g \leq 0,40 \text{ mm}$ max 4 pcs/m ² $0,40 \text{ mm} < g \leq 1,00 \text{ mm}$ max 1 pcs/m ² $g > 1,0 \text{ mm}$ not permitted
7	Dimples, Gels (Clear, usually circular pockmarks, excluding distortion area, and can be felt by hand)	$g < 0,2 \text{ mm}$ allowed without aggregation $0,20 \text{ mm} < g \leq 0,40 \text{ mm}$ max 10 pcs/m ² $0,40 \text{ mm} < g \leq 1,00 \text{ mm}$ max 4 pcs/m ² $g > 1,0 \text{ mm}$ not permitted
8	Pits (Sand like surface defect cannot be felt by hand)	$g < 0,2 \text{ mm}$ allowed without aggregation $0,20 \text{ mm} < g \leq 0,40 \text{ mm}$ max 10 pcs/m ² $0,40 \text{ mm} < g \leq 1,00 \text{ mm}$ max 4 pcs/m ² $g > 1,0 \text{ mm}$ not permitted

Defect No.	Defect category	Number or permissible defects
9	Lint (A linear type of contaminant that does not curl back more than 45 degrees (does not include halo around defect))	$g < 0,2 \text{ mm}$ allowed without aggregation $0,20 \text{ mm} < g \leq 0,40 \text{ mm}$ max 10 pcs/m ² $0,40 \text{ mm} < g \leq 1,00 \text{ mm}$ max 4 pcs/ m ² $g > 1,0 \text{ mm}$ not permitted
10	Imprints	Allowed if not visible from 1m
11	Broken corners	Allowed 3 mm edge area (inside sellable area)
12	Damaged edges (chips)	Allowed 3 mm edge area (inside sellable area)
13	Red edges	Allowed 5 mm edge area (inside sellable area)
14	Size tolerances	$\pm 5 \text{ mm}$
15	Quality Control	100% (each stock sheet)
	Lighting	$\leq 800 \text{ lux}$
	Distance	1m (except ST15)
16	Trim	$T^* = 80 \text{ mm}$, $B = (x-2050) \text{ mm}$ $L = R = 30 \text{ mm}$ * To identify the Top side (T) of acrylic: 1) The top of the acrylic has a specific square-shaped indentation from the lock that holds the acrylic in place. It leaves mechanical imprints. See image for reference. 
17	All defects are measured excluding distortion area	
-	Defect size $g = (a+b)/2$ Aggregation - in 1 cm ² are 3 or more defects 	

Acrylic stock sheet areas

Glass thickness	Net size	Net area
3 mm	1970x3020 mm	5,9494 m ²

