

KEY POINTS TO KNOW

- 1 COOL-LITE® ST / STB /ST Bright silver can be used in single or double glazing; the coating should be located on face 2, never on face 1. To ensure colours consistency., coating position should remain all the same for the entire project.
- 2 COOL-LITE® ST / STB / STBS can be laminated with the coating placed inside (against the PVB) or outside the laminate. The aesthetic of a coating when placed in contact with the interlayer differ from the aesthetic in standard configuration (in an IGU). Interlayer manufacturer recommendations should be followed (humidity level, quality testing...) and to avoid coating damage a care to calendaring and conveying conditions is important.
- 3 Always toughen with the coated side upwards. Avoid SO2 in the furnace and pay attention to the coating cleanliness before the tempering or the bending. Convection furnaces are recommended even if radiative furnaces could work on some ST products. Avoid overheating and heat soaking is highly recommended for projects.
- 4 When stacking cut sizes prior to further processing, separate the panes by recommended spacers like new cork pads. Use of dry, clean and appropriate safety gloves is mandatory. In case handling operations with vacuum cups on the coated side cannot be avoided, make sure that the vacuum cups are perfectly clean.
- 5 COOL-LITE® ST / STB / STBS can be enamelled using different techniques, with proper cleaning and testing required. Enamelling is not recommended for COOL-LITE® ST 108. It is important to follow properly recommendations to enamel ST range (heating, color reference and % covering). STBS is the only ST possible to temper with coating facing furnace rollers.



EXTRACT FROM THE GUIDELINES

COOL-LITE® ST / STBS can be curved annealed (sagging process) or tempered (in tempering furnaces fitted with a bending cell). Not all curvature radii may be attainable with convex or concave shape according to the type of process used. COOL-LITE® STB cannot be curved.



SCAN TO ACCESS TO THE COMPLETE GUIDELINE

SAINT-GOBAIN GLASS

Processing steps



Timeline

STORAGE

\*in recommended storage condition and depending of the country (humid region)

CUTTING

EDGE-DELETION

EDGE WORK

WASHING

SCREEN-PRINTING

\*see processing guideline for COOL-LITE enamelling

DIGITAL PRINTING

TEMPERING

BENDING

LAMINATION

LAMINATION AGAINST PVB

\*contact your sales/TSM to have list of approved interlayer

IGU ASSEMBLY

2 years\*

3 days

1 day

1 day

Max 5 days

ADVICE FROM THE TSM



*In case of monolithic application, an efficient system of draining or ventilation to avoid water accumulation is important. Direct contact with corrosive material is prohibited. COOL-LITE® ST / STB / STBS do not need to be edge deleted whatever the configuration of use.*



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