

KEY POINTS TO KNOW

- 1 COOL-LITE® SKN(II) / COOL-LITE® XTREME (II) must be placed on side 2 and not on side 3. The coating must be edge deleted before or after tempering (10mm), a care of grinding dust is important. It should be ensured that the chosen position of the coating will remain the same throughout a same project to ensure colours consistency.
- 2 Not all coatings are approved to be in contact with interlayer like for instance XTREME(ii) range. The aesthetic of a coating when placed in contact with the interlayer differ from the aesthetic in standard configuration (in an IGU).
- 3 Only COOL-LITE® SKN183II could be placed on side 3 in an IGU (DGU or TGU). Aesthetic and performances of COOL-LITE® SKN183II used on face #2 or on face #3 are different and not matchable. COOL-LITE® SKN183II can be used for bird friendly application.
- 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 Because of coating low-e characteristics (1-3%), only convective furnace is recommended. Avoid overheating is important for the coating and global glass deformation. Use of EASYPRO® protection is recommended for pre-processing protection and final better tempering quality. In case of project, it is advised to heat soak testing tempered glass. In case of bending, prior tests are recommended if coating is bendable because all radius are not possible with all machines.

Processing steps



Timeline

STORAGE

*in recommended storage condition without EASYPRO or packaging



CUTTING



EDGE-DELETION



EDGE WORK

WASHING



SCREEN-PRINTING

*see processing guideline for COOL-LITE enamelling



DIGITAL PRINTING



TEMPERING



BENDING



LAMINATION



LAMINATION AGAINST PVB

*not all coatings are approved against PVB



IGU ASSEMBLY



2 months*

1 day

1 day

1 day

Max 5 days



EXTRACT FROM THE GUIDELINES

If the storage conditions are respected, COOL-LITE® SKN (II) / COOL-LITE® XTREME (II) are guaranteed, from the date of reception at the customer's premises:

- For two months if the glass is not sealed;
 - For six months if the glass is sealed
 - For twelve months in case of EASYPRO® protection
 - Once the seal is broken (removal of the peripheral protection tape), the shelf life is maximum 2 months
- The remaining shelf life after seal breakage may also be reduced in particularly humid countries.

ADVICE FROM THE TSM

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Using EASYPRO® protection on top of COOL-LITE® SKN (II) / COOL-LITE® XTREME (II) will make your life a big change! In case of first-time use, please contact your technical support, it will be a pleasure to support.

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SCAN TO ACCESS TO THE COMPLETE GUIDELINE

SAINT-GOBAIN GLASS

GET ACCESS TO SOME ILLUSTRATION

