

### KEY POINTS TO KNOW

- 1 BIOCLEAN® is for annealed applications and BIOCLEAN® II for to be tempered applications. Both products are mixable.
- 2 Possible bi-coating: in that case BIOCLEAN®(II) will face down. Pay attention to possible source of scratches/damages like glass chips or conveyors issues !  
In case of solar control or low-e coating opposite BIOCLEAN®, this coating should be of course edge deleted.
- 3 Tempering of BIOCLEAN®II is as a float glass: No SO<sub>2</sub> and clean rollers/kevlar in case of BIOCLEAN® II is facing down.  
Do not temper after the kevlar maintenance and possible use of silicones to fix it.
- 4 Protect BIOCLEAN®(II) to all source of silicones: gloves, suction cups, enduction, IGU storage/transport. To implement a hydrophilic test for processing check is a good practice. Never store (<10m) to a source of silicone. Only compatible products (PU, PS,MS polymer) could be used at the installation of BIOCLEAN®(II)
- 5 BIOCLEAN®(II) is a face 1 application, may sure that coating is well outside the IGU assembly and properly identified thanks recommended labels.  
Never installed BIOCLEAN® front seaside. Never use abrasive cleaner or tool to clean the coating surface. Water, isopropanol and standard glass cleaner could be used.

### Processing steps



### Timeline

#### STORAGE

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



#### CUTTING



#### EDGE-DELETION



#### EDGE WORK



#### WASHING



#### SCREEN-PRINTING



#### DIGITAL PRINTING



#### TEMPERING



#### BENDING



#### LAMINATION



#### LAMINATION AGAINST PVB



#### IGU ASSEMBLY



2 years\*

5 days

2 days

Max 10 days



### EXTRACT FROM THE GUIDELINES

BIOCLEAN® II can be toughened using oven settings that are suitable for PLANICLEAR®. Pay attention to possible source of silicone contamination. Indeed, existing practice could be to stick Kevlar quench rollers with silicone that could impact final product behavior.

### ADVICE FROM THE TSM



*BIOCLEAN® (II) is hydrophilic and photocatalytic, its needs UVs and some regular water to be the most efficient. Higher efficient position is vertical one and minimum angle for installation is higher than 10°.*



SCAN TO ACCESS TO THE COMPLETE GUIDELINE

SAINT-GOBAIN GLASS

GET ACCESS TO SOME ILLUSTRATION

