



# ComfortSky®

Solutions / Green & Sustainable / ComfortSky



ComfortSky®, the latest Saint-Gobain innovation for thermal comfort for drivers and passengers, for the whole year, no matter which season.

- ☑ 4 seasons thermal performance product
- ☑ Reduce overall energy consumption
- ☑ Perfect for electric vehicles

## Specific Markets



## ComfortSky® in details

Nowadays there is an increased attention of optimizing the energy consumption (HVAC) while keeping or increase the comfort level.

For this reason, Saint-Gobain Sekurit Transport has developed a unique glazing solution for every season: Comfortsky® keeps the interior of your vehicle comfortable in summer and in winter with a reduction of the heating and air conditioning consumption.

Comfortsky® is a low emissivity coating designed for tempered and bended single glass. It is classified as hard coating and, having a durability similar to the glass one, it can be on the passenger side. The coating increases the thermal insulation by drastically reducing the glass radiative heat transfer:

- In winter it eliminates the cold wall effect, reflecting back to the passengers their thermal emission.
- In summer it absorbs solar heat and avoids to radiate toward the passengers and helping heat dissipation toward the outside.

Comfortsky® is the perfect solution to decrease the glazing and/or the system weight while preserving comfort of the end users. It is of particular interest to increase the performances of electric vehicles.

ComfortSky® increases its benefit if combined with other thermal solutions such as Thermocontrol®Absorbing (Venus® range or absorbing green glass).

Comfortsky® is compatible with every glass type (monolithic, DGU, laminated) and all glass surfaces present on your vehicles.

- ☑ Invisible low E coating
- ☑ Reduce energy consumption
- ☑ Free shape and bending
- ☑ All kind of glass type
- ☑ Combine with other glass function

## ComfortSky® performances examples

Thickness (mm)	Glass substrate	Coating	ISO 10292		D65 obs2: CIE		ISO 9050 m 1.5
			Ug	Emissivity	LT	TE	g
4	Green Glass	none	5,8	0,89	79,80%	54,70%	0,64
4	Green Glass	ComfortSky	<b>4,2</b>	0,3	78,50%	50,20%	<b>0,57</b>
5	Green Glass	none	5,8	0,89	77%	49,60%	0,61
5	Green Glass	ComfortSky	<b>4,2</b>	0,3	75,80%	45,30%	<b>0,54</b>
4	VG40	none	5,8	0,89	36%	22,70%	0,41
4	VG40	ComfortSky	<b>4,2</b>	0,3	35,40%	20,60%	<b>0,34</b>

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## A solution for every project:



Safety



Green & Sustainable



Driver & Passenger Experience