

# NOVAL GLASS

## BLACK GLASS



[WWW.NOVALGLASS.COM](http://WWW.NOVALGLASS.COM)



## INTRODUCTION

Noval Glass Black Tinted Float Glass is float glass with colorant added during production. With the colorant added, the transparent clear float glass change to low transmittance body tinted glass with bright black color. it is suitable to make automobile sunroofs, sidelites, architectural windows and curtain walls, etc.



## SPECIFICATION

**Thickness:** 2mm to 19mm

**Standard Size:** 3300mm\*2140mm, 3300mm\*2250mm, 3300mm\*2440mm

**Max Size:** 3300mm\*6500mm

**Min Size:** 500mm\*700mm







## FEATURES

- 1# Black tinted float glass was specially developed for automobile sunroofs and sidelites, and has excellent heat insulation function. With around 10% visible light and solar energy transmittance, sc value around 0.40, the glass can block 50% solar heat into the car. it has excellent energy saving and environmental protection features.
- 2# Thanks to the less than 2% uv transmittance, the glass can protect the organic materials inside the car from the uv light, and leads to longer durability of the interiors.
- 3# Excellent privacy features. The designers and customers have high requirements of privacy protection. They don't want other people to see through the glass from outside, while the passengers inside can observe the outside without any problem. The black tinted float glass can ensure about this and protect the passengers' privacy inside the car.







## PRODUCTION



## PACKING & LOADING



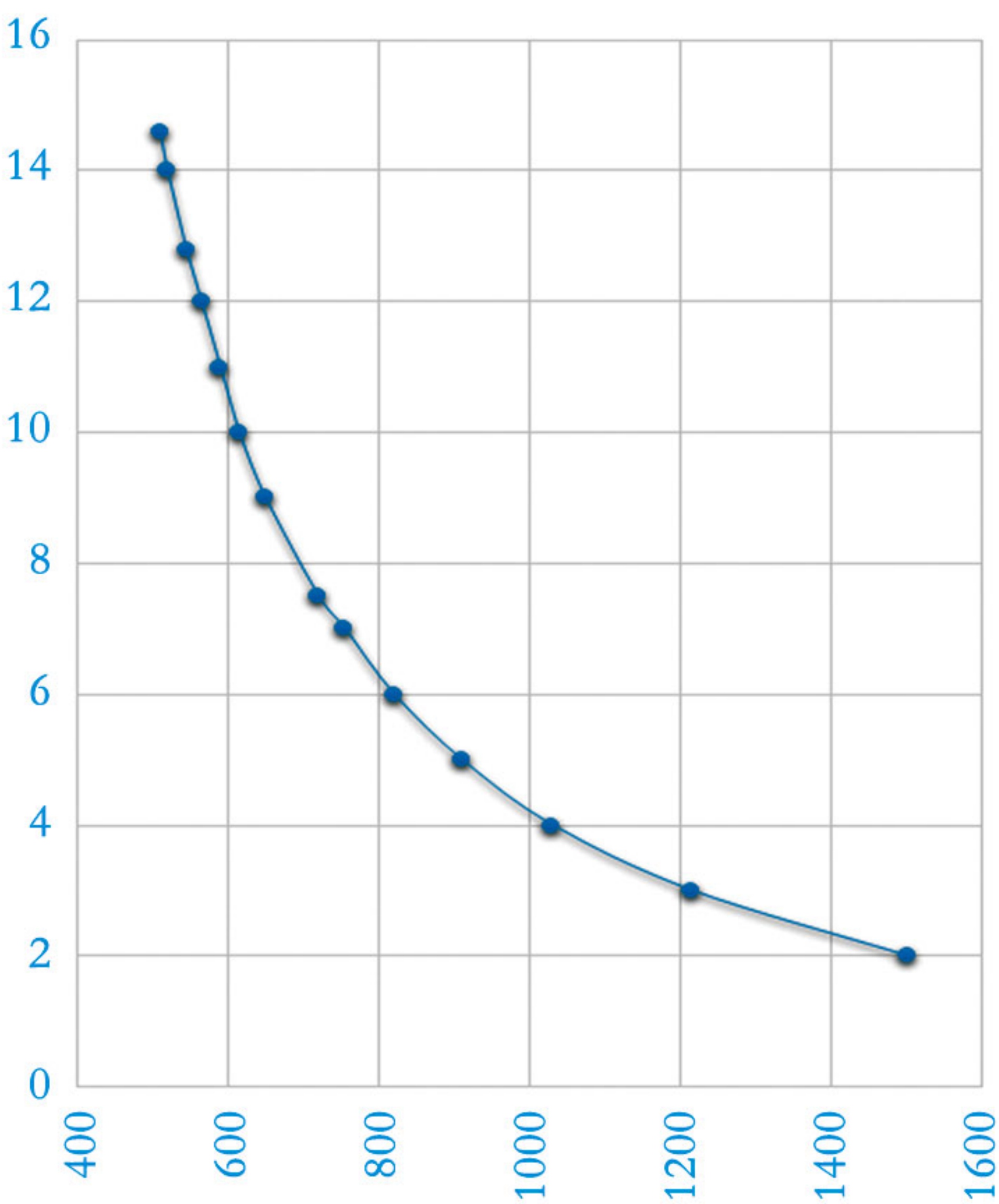


PERFORMANCE

Product	Thickness (mm)	Optic Character(%) & Test Specification				Color Character& Test Specification		
		LTA (Light Transmittance) 380nm-780nm	TE (Solar Direct Transmittance) 300nm-2500nm	TUV (UV-Transmittance) 300nm-380nm	TIR (Near-infrared Transmittance) 780-2500nm	L*	a*	b*
						1931CIE L*a*b* Artificial Daylight 6500K, Observer 2°		
		ISO9050-2003						
PG20	3.2	24.4	20.6	5.5	16.6	56.7	-4.6	4.0
	4.0	18.5	15.4	3.6	12.0	50.3	-5.0	4.5
PG10	3.2	15.1	14.0	2.8	12.0	46.0	-3.9	1.9
	4.0	9.7	8.7	1.4	6.8	37.5	-4.7	1.7
PG18	3.2	25.0	28.4	10.6	27.4	57.0	-1.0	0.3
	4.0	18.0	21.7	7.7	20.8	49.6	-1.1	0.6
	5.0	12.4	16.2	5.8	15.5	41.8	-1.2	0.8
	6.0	8.2	12.0	4.6	11.7	34.3	-1.2	1.0
Tolerance		±2.0	±3.0	±3.0	±3.0	ΔEab*≤2.5		

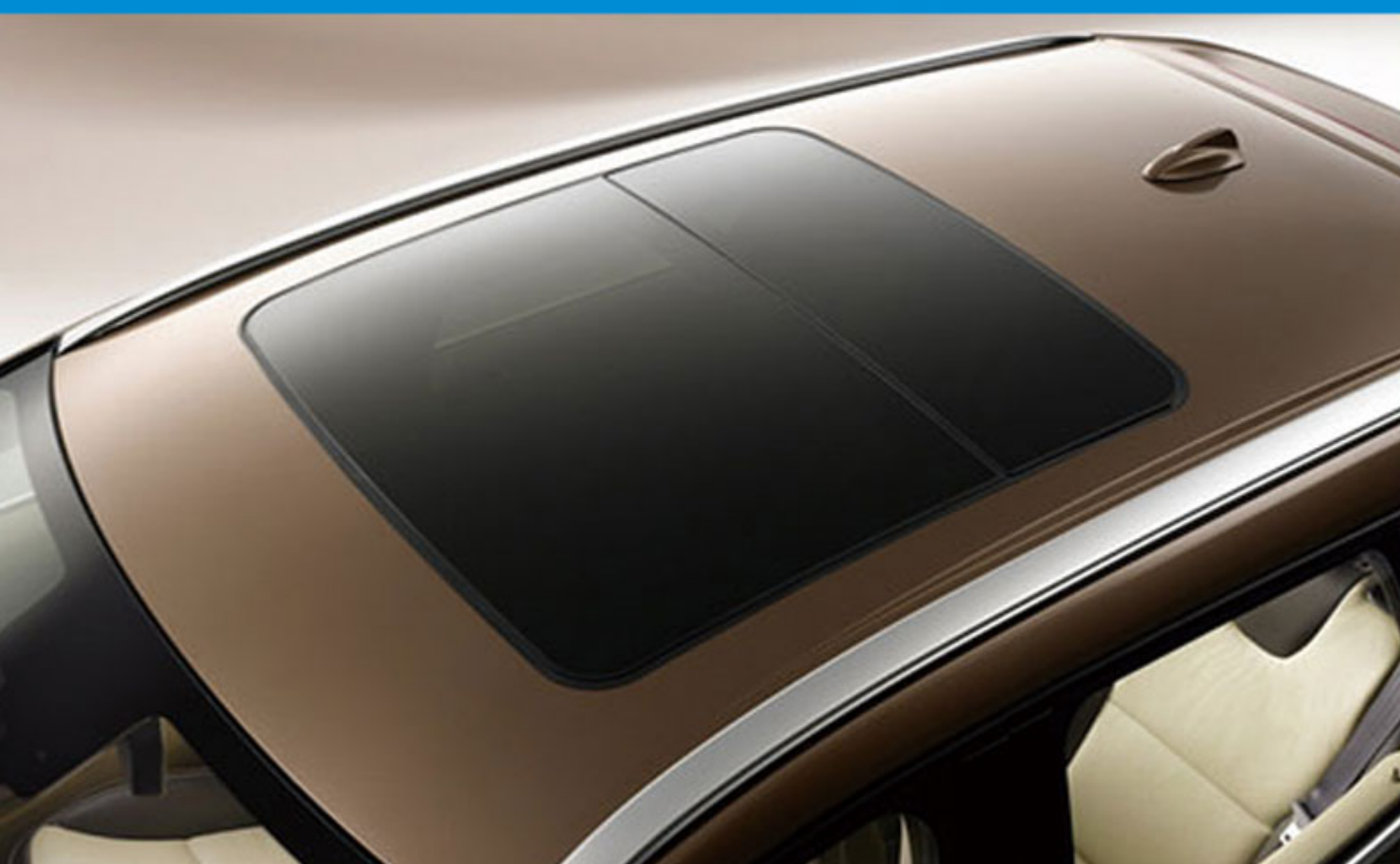
PG18 VISCOSITY & TEMPERATURE REALTION CURVE

Name	logη(Poise)	PG18
Working Point	4.0	1046.2
Flow Point	5.0	923.7
Softening Point	7.6	728.0
Anneling Point	13.0	542.1
Strain Point	14.5	512.4





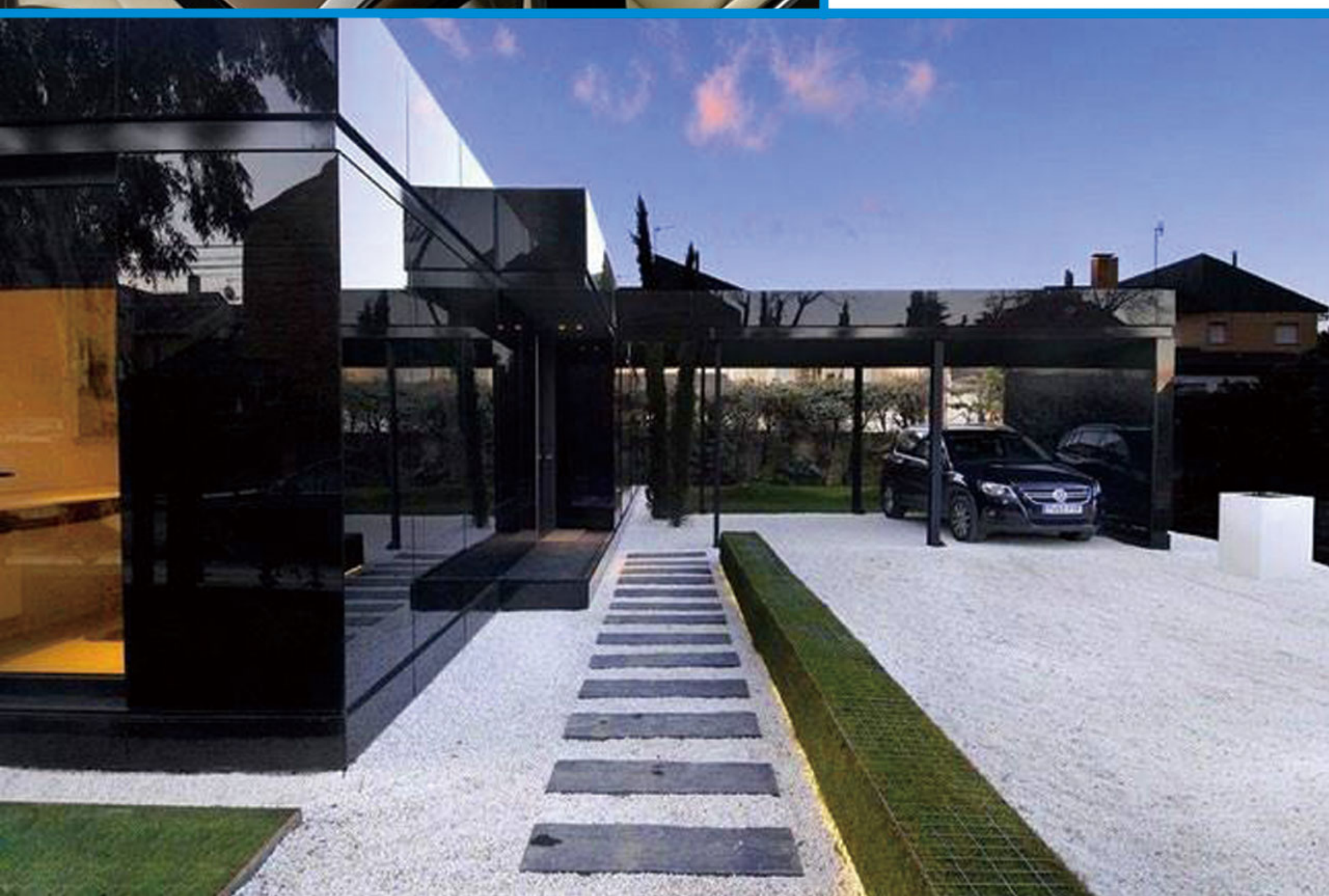
## APPLICATION



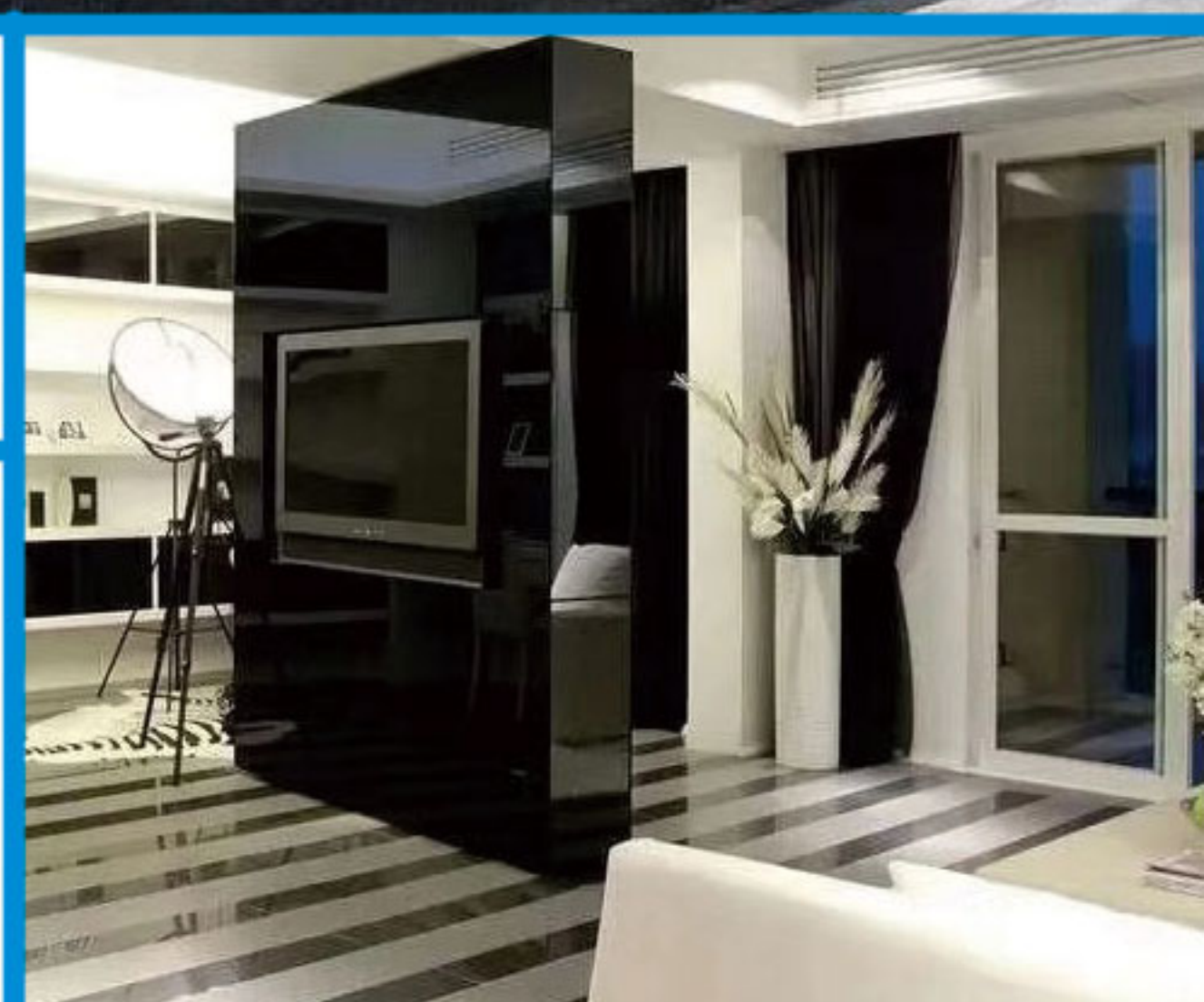
VEHICLE



CONSTRUCTION



FURNITURE &  
HOME DECORATION



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