

■ 工作原理

在玻璃内表面施加含红外和紫外吸收纳米材料的有机-无机杂化膜层

在玻璃外表面涂上憎水氟化物

■ 主要优点

- ✓ 隔热 隔绝紫外线，憎水
- ✓ 不影响玻璃的机械性能，光学性能

■ 主要应用

- ✓ 侧窗玻璃，特别是前门

■ Status

- ✓ In industrialization – SOP 2017
- ✓ Up to now 1 serial orders received



Water Repellent + Super UV&IR CUT

■ Principle

High integration for different technologies , meet the UV-protection and energy-control requirements , also improve the visible zone by applying hydrophobic layer

■ Advantage

- ✓ IR and UV blocking, and water repellent
- ✓ No negative impact on glass mechanical

■ Used on

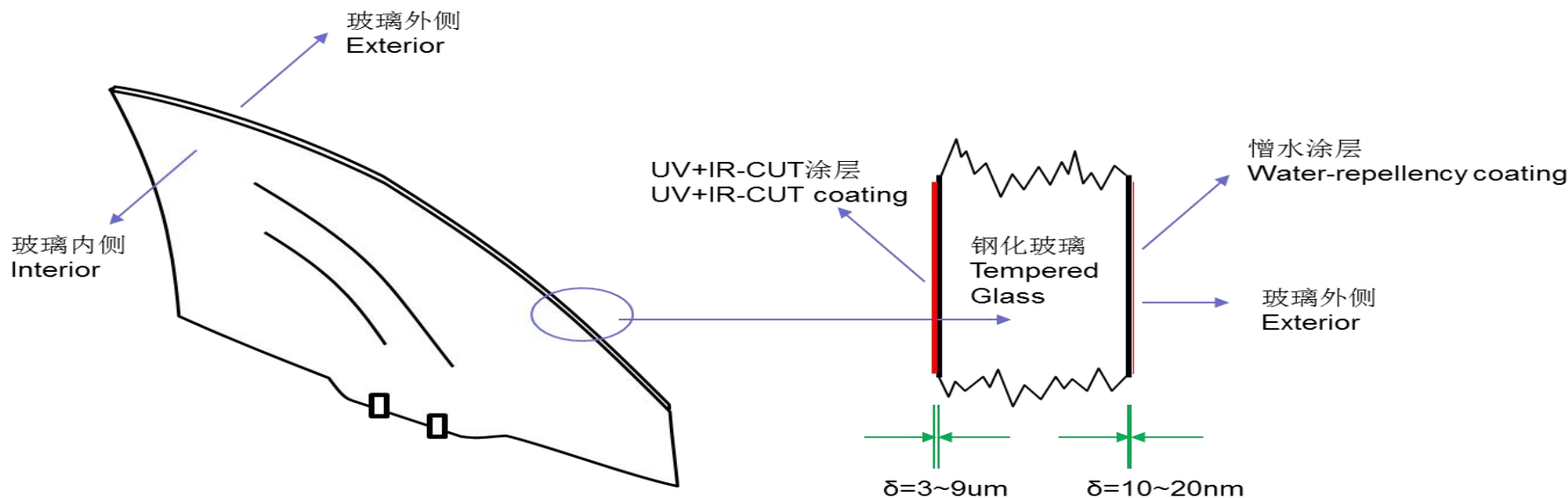
- ✓ Door glass(tempered glass)

■ Status

- ✓ In industrialization – SOP 2017
- ✓ Up to now 1 serial orders received



憎水玻璃+ Super UV&IR CUT



产品型号	光谱特性(%)及测试标准				颜色要求、范围及测试标准		
	可见光透射比 LTA	总太阳紫外 透射比TSUV	太阳能总透射比 TSET	总太阳红外透射 比TSIR	L*	a*	b*
	380nm ~ 780nm	300nm ~ 380nm	300nm ~ 2500nm	780nm ~ 2500nm	1976CIE L*a*b* D65照明体, 观察者10°		
3.2mm SG	76.12%	26.07%	49.21%	29.06%	89.93	-6.83	2.31
3.2mm SG+UV-CUT	75.95%	0.01%	46.72%	29.07%	89.82	-7.92	4.74
3.2mm SG+UV-CUT+IR-CUT	74.8%	0.06%	42.78%	21.45%	89.27	-8.02	5.21