

## ■ 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

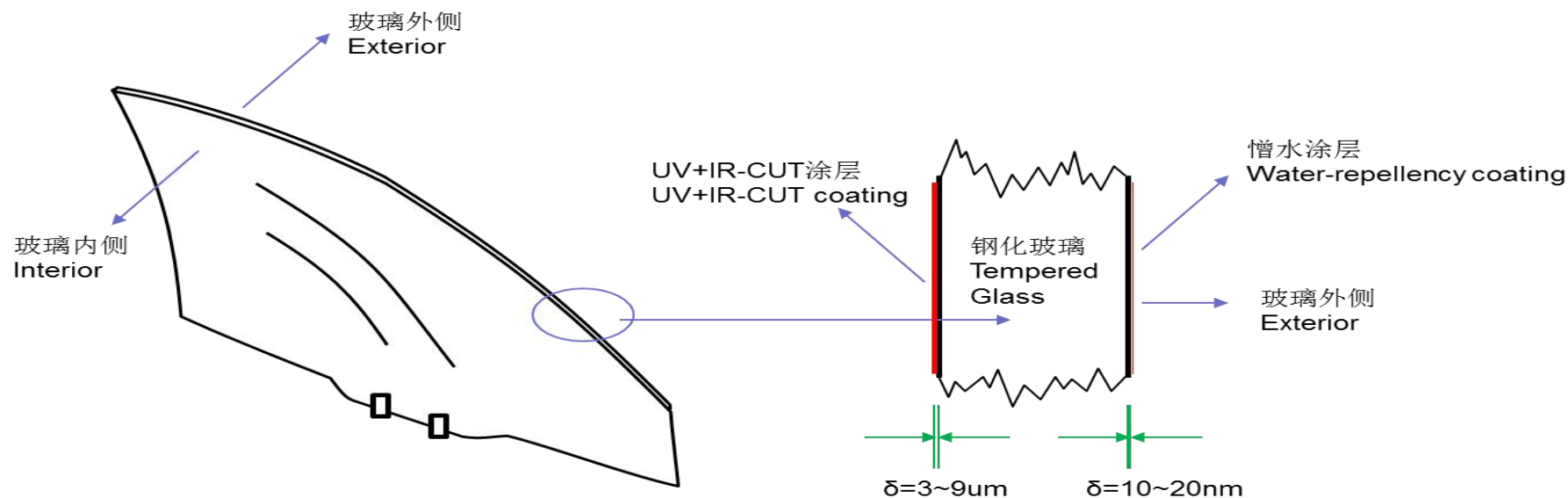
- ✓ Door glass(tempered glass)

## ■ Status

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# 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<br>LTA | 总太阳紫外<br>透射比TSUV | 太阳能总透射比<br>TSET | 总太阳红外透射<br>比TSIR | L*                               | a*    | b*   |
|                        | 380nm ~ 780nm | 300nm ~ 380nm    | 300nm ~ 2500nm  | 780nm ~ 2500nm   | 1976CIE L*a*b*<br>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 |