

■ 工作原理

憎水玻璃又称“不浸润性玻璃”，它是采用溶胶凝胶法在玻璃表面形成一层含氟化合物薄膜，从而提高玻璃对水的接触角 θ 。

接触角愈大，则憎水性愈好；一般情况，把接触角 $\theta \geq 90^\circ$ 的玻璃叫做憎水玻璃。

■ 主要优点

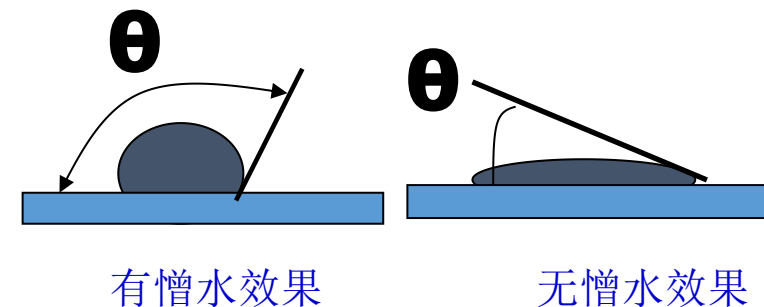
- ✓ 易于除去玻璃上的灰尘，泥土，车蜡，油污等污染物
- ✓ 改善雨天汽车的视野与能见度
- ✓ 提高行驶的安全性和舒适性

■ 主要应用

- ✓ 前后门玻璃
(丰田凯美瑞、皇冠；本田奥德赛、艾力绅)

■ 主要指标

- ✓ 接触角:初始角度:100度以上。

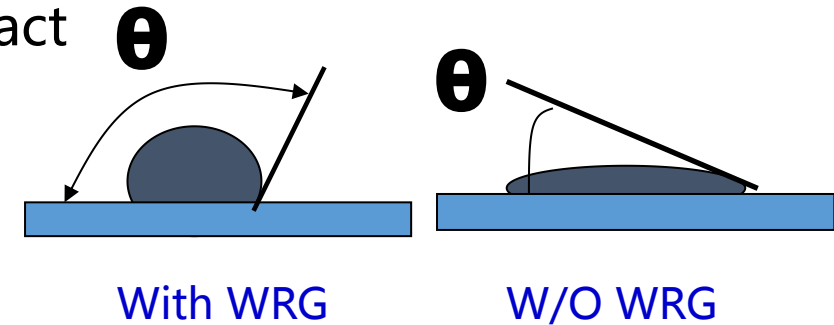


Water Repellent Glass

■ Principle

Water repellent glass also called “Hydrophobic glass” , the glass is treated by chemical with fluorine and increase the contact angle of the glass surface.

Higher contact angle= better Hydrophobic performance



■ Advantage

- ✓ Easy to remove contamination such as soil, dust, ice, grease
- ✓ Better visibility in rainy weather
- ✓ Increase safety and comfort

■ Used on

- ✓ Door glass
(Toyota Camry , Crown、 Honda Odyssey , Elishen...)



■ Key indicators

- ✓ Contact angle: initial : ≥ 100 degrees