

# 高密着性セラミックコーティング

## “Highly Adhesive Ceramic Thermal Spray Coating”

石英ガラス基材を保護する溶射皮膜の厚膜化/密着性向上/リコートが可能です。

*It is possible to thicken the protective film, improve film adhesion, and recoat without damaging the quartz glass substrate.*

※特許取得済 Patented technique

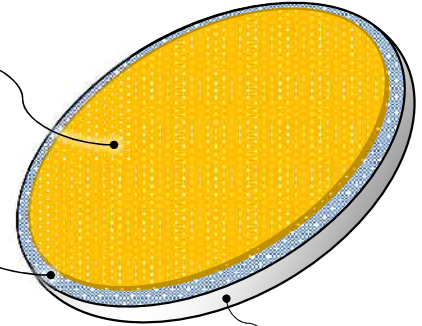


セラミック溶射皮膜  
Ceramic spray coating

特殊下地層※  
Special base layer

バッファ層および犠牲層として機能  
Acts as buffer layer and sacrificial layer

石英ガラス基材  
Quartz glass substrate

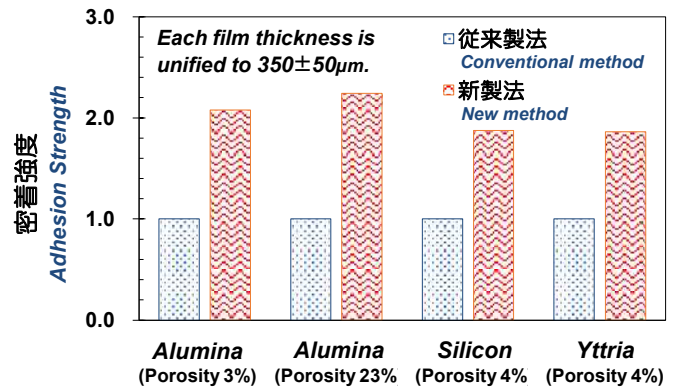


### 製品特長

### Product Features

- ▶ 保護膜の厚膜化が可能 《当社従来品の約2倍》  
*It is possible to make the protective film thicker.  
 《About twice as much as our conventional products》*
- ▶ 保護膜の密着性が向上 《当社従来品の約2倍》  
*Achieves high adhesion of the protective film.  
 《About twice as much as our conventional products》*
- ▶ 基材にダメージを与えずに保護膜の再生が可能  
*Protective film can be removed without damaging the quartz glass substrate and the parts can be recycled during recoating.*

各種セラミック溶射皮膜の引張り密着強度  
Tensile Adhesion Strength of Thermal Spray Coatings



上図は従来製法における密着強度を1として相対表示  
 This figure is a relative representation in which the adhesion strength of the conventional method is normalized to 1.

### 循環型モノづくり

### Circular Manufacturing

