

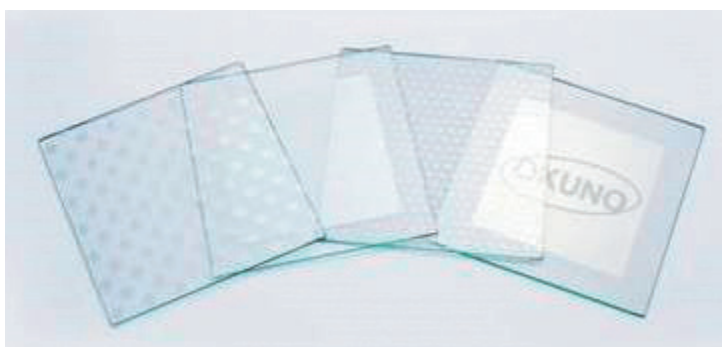
# Nanosmart SK

Nanosmart SK

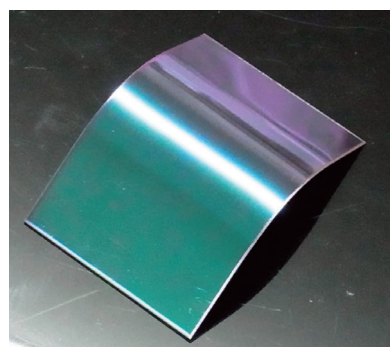
- スクリーン印刷後の膜厚管理によって膜厚の制御が可能  
Film thickness can be controlled by screen printing
- 膜厚を変更すると干渉色の変化  
Interference color changes by film thickness changes
- TiO<sub>2</sub>薄膜で膜硬度、屈折率、透明性が高い  
TiO<sub>2</sub> thin film with high hardness, refractive index and transparency

## 施工例

Example of application



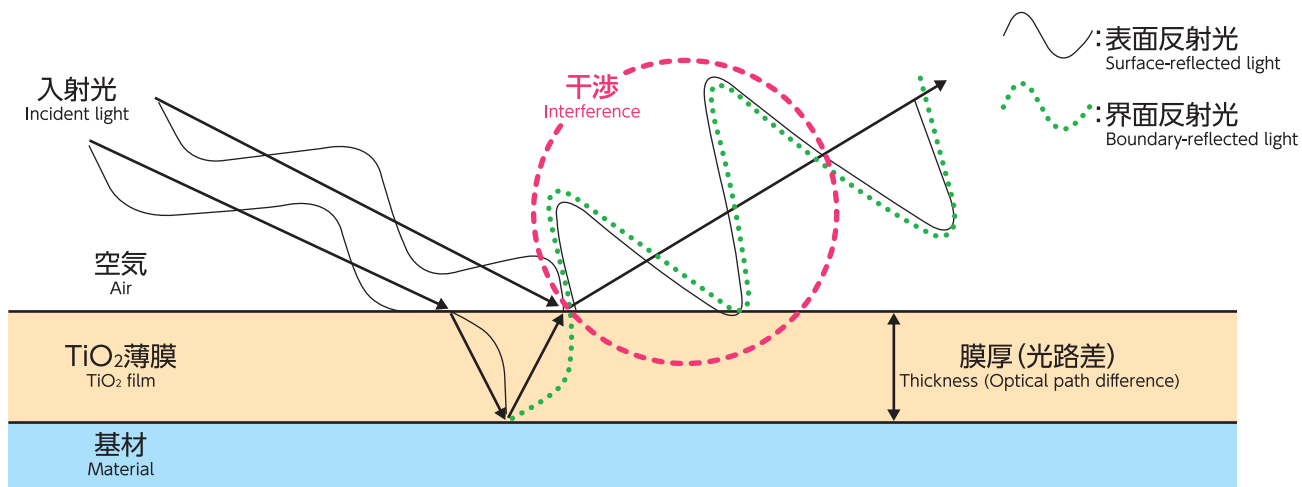
素材:板ガラス  
Material : glass plate



素材:SUS304  
Material : SUS304

## 発色メカニズム

Coloration mechanism



### 作業条件

Working condition

印刷:SUS325mesh/inchスクリーン版

Printing:SUS325 mesh/inch screen



印刷後膜厚:20μm  
Thickness after printing:20μm

乾燥:150-200°C 10分間

Drying:150 to 200°C 10min



焼成:450-800°C 10分間保持

Firing:450 to 800°C 10min keep



焼成後の膜厚:80nm (Nanosmart SK40LV施工時)  
Thickness after firing:80nm (Product : Nanosmart SK40LV)