

マグネシウム素材用高耐食性コーティング剤  
High-corrosion Resistant Coating Solution for Magnesium

# Protector HB-7550


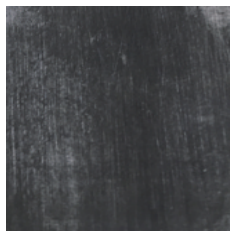
- 150°Cの熱処理で耐食性に優れた透明なシリカ系薄膜を形成  
Form silica-based thin coating by heat treatment above 150°C, realize high corrosion resistance by transparent films
- 腐食しやすいマグネシウム素材の耐食性を向上  
Improve corrosion resistance of easily-corrosive magnesium materials
- 耐汗性に優れる  
Excellent in sweat resistance

## 抜群の耐食性 Outstanding corrosion resistance



### 塩水噴霧試験 Salt spray test

	24h	240h
Protector HB-7550 AZ91D		
	<b>錆なし No rust</b>	
AZ91D		
	<b>錆発生 Rust</b>	

### 熱水試験 Hot-water boiling test

Protector HB-7550 AZ91D	AZ91D
	
6h	1h

### 人工汗試験 Artificial sweat test

Protector HB-7550 AZ91D	AZ91D
	
48h	12h

## 膜特性 Film property

膜硬度 Film hardness	傷つき硬度 Scratch hardness *1	3H
	破壊硬度 Fracture hardness *1	5H
密着性 Adhesion *2		100/100 (剥離なし No peel-off)
推奨膜厚 Recommended thickness		10~20μm to

\*1 鉛筆硬度試験 (JIS K 5600-5-4準拠) Pencil hardness test (Conforming to JIS K5600-5-4)

\*2 クロスカットテープ剥離試験 Cross cut tape test