

Technical Data Sheet

High Durability Coating Solution

ALD-7100

Product Introduction

ALD-7100 “ High Durability Coating Solution” was developed for the best protection performance specially in order for the applications exposure to harsh conditions such as extremely high/low temp., salt moisture exposure, external impact, and bad weather. Thanks to special compounding technology, This material allows the applied surface to improve their own durability outstandingly. With various application opportunities, It brings not only long life guarantee but also high glossiness and easy coating to the users.

Recommendable Applications

Clear coating for protection purpose (Heat Resistance, Anti-Corrosion, Abrasion Resistance, Anti-graffiti, High Weatherability)

Properties

Composition/Physical Properties		
Clear Polymer Compound Resin		
- Viscosity: 50 - 200 cps @ 25 °C [77 °F]		
- VOC Content: N/A		
- Refractive Index of Liquid Polymer: 1.4896 @ 23 °C [73 °F]		
- Molar Extinction Coefficient: 0.15 M ⁻¹ cm ⁻¹		
- Specific Gravity: 1.020		
- Density: 8.20 lb/gal [1.02 kg/L]		
Performance Properties		
Gloss Level	Gloss Units at 60 °C (Steel)	44.5
Anti - Corrosion	ASTM B117	250hrs.
Pensile Hardness	ASTM D3363(Steel)	6H
Scratch Hardness	ASTM D3362(Steel)	6H
Impact	ASTM D2794	120/80 inch-lbs
Temperature Resistance	100hrs.	- 40 ~ 600 °C
Anti-Graffiti		Value

BOOSTREX

Coating Guide

- 1) Prepare surface to remove oil, contaminants or any unwanted coatings from the substrate
- 2) Do coat by wet application or spray (Recommended Coating Thickness :
5 ~ 15 μm)
- 3) Dry It at room temperature for 30 hours only

Warranty

The defects from ALD-7100 itself will be covered by the providers with our compensation program. Out of this ALD-7100 is free from any other claims by technical judge based on Technical Data Sheet.

Notice

The representations of performance and suitability for use contained in this Technical data are meant as a guide. The user should take a responsibility for what he will apply it to since the performance of this film will be changed depending on the working conditions and only user is aware of it.