

# HI-SOLID B/E



This paint was developed together with Valspar Corporation in USA. It is used for OEM purposes and offers elegant exterior look along with outstanding contamination resistance, chemical resistance, and durability. There is little paint loss during painting, and this low-pollution paint does not generate flows or air pockets.

## Usage

Indoor partitions, steel office furniture, cabinets, safes, home appliances, doors  
Doors and indoor metallic interior products

## Specification

Paint type	Polyester		
Product features	1. Superior chemical resistance and contamination resistance 2. Superior workability due to high solid content		
Specific gravity (25 °C)	1.2 - 1.5 (Varies depending on color.)	Applied materials	AL, steel materials
Dilution viscosity	10 seconds (ZHAN #4 / 25 °C)	Dilution rate	10 - 20 %
Thickness of dried film	30 - 50 $\mu\text{m}$	Theoretical Coverage	15 - 18 $\text{m}^2/\ell$ (40 $\mu\text{m}$ )
Wet film thickness	45 - 60 $\mu\text{m}$	Shelf life	12 months
Drying temperature	At least 15 minutes at 180°C (based on material surface temperature)		

## How to Use

Surface treatment	1) Completely remove oil, moisture, sand, dust and foreign substances from the surface. 2) For steel materials(CR, EGI, GI), apply zinc phosphate chemical conversion coating. 3) In case of aluminum and nonferrous metals, apply chromate pretreatment before painting.
Coating Method	1) Adequately dilute the base with thinner and stir sufficiently for at least 10 minutes. 2) Please filter out dust or impurities with 200 mesh paint strainer to prevent poor appearance. 3) Paint sufficiently to make sure that the dry film thickness is 30 - 50 $\mu\text{m}$ and paint several times rather than painting all at once if conditions permit. 4) Force dry in 170~180°C for more than 20 minutes after 5-10 minutes of set time. 5) You must grind the surface with the sandpaper to increase adhesiveness during re-painting.

NOROO 노루페인트