

PLASTIC CLEAR FOR WOOD GRAIN



This paint is a transparent high-gloss top coat paint which is applied on top of the plastic material specially treated with wood grain film. This paint with superior physical properties has outstanding film formation and leveling performance and satisfies the reliability criteria for automobile interior materials.

Usage

Transparent top coat for wood grain used on automobile interior materials

Specification

Paint type	Acrylic urethane/Top coat (non-yellowing type) (Two-Component)		
Product Features	1. Satisfies the outstanding physical properties including adhesiveness, chemical resistance, and weather resistance. (Based on the MS 311-03 reliability of Hyundai-Kia Motor Company)		
	2. Features outstanding paint workability and film formation capability for robot painting and reciprocator painting.		
	3. BTX-free product that meets VOC regulations and automobile indoor air quality standards□		
Exterior	Transparent liquid	Applied material	ABS, PC+ABS
Specific gravity (25 °C)	0.96 ± 0.05	Recommended thickness	35 - 50 μm
Viscosity (FORD #4/25 °C)	25 ± 5 seconds	Solid content (%)	Base 48 ± 3
Mixing ratio	Base(A) / Hardener(B)= 2/1 (Weight)		Hardener 45 ± 3
Thinner	Designated diluent	Drying conditions	Drying conditions 70 - 80 °C
Dilution ratio	Within 30 - 50 %		Drying time At least 1 hour
Dilution viscosity (FORD #4/25 °C)	12 ± 2 seconds	Shelf life	12 Months

How to Use

Surface treatment	1) Remove oil, moisture, sand, dust, and other foreign substances on the surface to be painted completely. 2) We recommend the use of a primer prior to the wood grain process or the application of an undercoat paint on materials to which the paint does not adhere well (PC, G/F mixture, etc.) as not using a primer may cause an adhesion defect.
Coating Method	1) Mix the base and the hardener according to the weight ratio of 2:1, dilute it to 30 - 50 % using the thinner, and mix it sufficiently for at least 5 minutes. 2) Please filter out dust or impurities with 300 mesh paint strainer to prevent poor appearance. 3) Paint sufficiently to make sure that the dry film thickness is 35 - 50 μm and paint several times rather than painting all at once if conditions permit. 4) Force dry in 70 - 80°C for at least 1 hour after 5-10 minutes of set time. 5) You must grind the surface with the sandpaper to increase adhesiveness during re-painting.

► This data sheet is based on the test results and knowledge that NOROO produced or possesses, and may change without notice for quality improvement.