

GOLF BALLS TOP COAT, PRIMER



This paint consists of an emulsion primer and a urethane top coat which has superior adhesiveness to the surlyn material for golf balls. The water-based primer has superior drying conditions and printing workability while the oil-based top coat has superior physical properties such as shock resistance, adhesiveness, and gloss.

Usage

Coating agent optimized for the Surlyn materials for golf balls

Specification

Paint type	Primer: One-component emulsion primer / Top coat: Two-component polyurethane top coat		
Product Features	[Primer] 1. Water-based primer with superior adhesiveness to plastic materials. It also improves adhesiveness to top coat and printing materials. 2. An eco-friendly coating agent that uses water as thinner.		
	[Top coat] 1. Two-component paint that uses non-yellowing isocyanate as hardener. It has superior adhesiveness, weather resistance, chemical resistance, and gloss. 2. Superior shock resistance due to its flexible film		
Exterior	Transparent liquid	Applied materials	Plastic type
Specific gravity (25 °C)	[Primer] 1.1 ± 0.05	Recommended thickness	[Primer] 10 ± 2 μm
	[Top coat] 0.98 ± 0.04		[Top coat] 15 ± 2 μm
Viscosity (FORD#4/25 °C)	[Primer] 26 ± 2 seconds / [Top coat] 21 ± 2 seconds	Solid content (%)	[Primer] 17.7 ± 0.5
Mixing ratio	[Top coat] Base : Hardener = 2 : 1 (Weight)		[Top coat] Base 36 ± 0.5 / Hardener 67.6 ± 0.5
Thinner	Designated thinner	Drying conditions	[Primer] 45 °C for 12 hours
Dilution ratio	[Primer] 10 - 30 % / [Top coat] Within 10 %		[Top coat] 45 °C for 12 hours
Dilution viscosity (FORD #4/25 °C)	[Primer] 17 ± 2 seconds / [Top coat] 13 ± 2 seconds	Shelf life	[Primer] 6 months / [Top coat] 12 months

How to Use

Surface treatment	1) Completely remove oil, moisture, sand, dust and foreign substances from the surface. 2) Wash with alcohol if contaminated.
Coating Method	1) Dilute paint considering line conditions. Excessive dilution may cause uneven film after drying due to sagging. 2) Adhere to the ratio designated in the paint specifications manual when mixing the top coat. Changing the ratio may result in the deterioration of physical properties. 3) Please filter out dust or impurities with 200 mesh paint strainer to prevent poor appearance. 4) Apply 5-10 minutes of set time(25°C) before force dry.

► This data sheet is based on the test results and experiential bases of NOROO but may change without notice for consistent quality improvement.