

SMARTHANE 300 TOP COAT CLEAR



SMARTHANE 300 TOP COAT CLEAR is a urethane top coat paint for furniture that consists of special polyol, isocyanate, and additives. It forms a strong film through urethane bond and features outstanding film formation, workability, and leveling. Especially, it shows excellent drying performance, gloss preservation, and feel of touch.

Usage

Top coat for luxury furniture and general carpentry

Specification

Paint type	Two-component alkyd urethane paint			
Product features	<ol style="list-style-type: none"> 1. It features outstanding transparency. 2. It dries quickly and features outstanding workability. 3. It offers satisfactory film formation and spreadability. 4. It features outstanding adhesiveness. 5. It features outstanding dry film scratch resistance. 			
Exterior	Transparent liquid	Drying (25 °C)	Set to touch drying	10 - 15 minutes
Specific gravity (25 °C)	0.98 ± 0.05		Curing	4 - 5 hours
Coverage (g/m ²)	50 - 70	Viscosity (KU/25 °C)	75 ± 5	
Color	Transparent	Solid content (%)	Base	45 ± 3
Mixture ratio	Base (A) / Hardener (B) = 2/1 (Weight)		Hardener	35 ± 3
Gloss	Glossy - Matte	Shelf life	12 months	
Thinner	Urethane thinner for wood coating			

How to Use

Surface treatment	<ol style="list-style-type: none"> 1) Do not paint on wet wood. 2) Completely remove oil, moisture, sand, dust and foreign substances from the surface.
Coating Method	<ol style="list-style-type: none"> 1) After surface treatment, sufficiently mix the SMARTHANE 300 PRIMER CLEAR with the base and hardener at the weight ratio of 2:1. Paint with spray to create a dry film with thickness of 40 μm or more. 2) Wait for 1 - 2 hours at 20 °C after applying the primer. Mix the SMARTHANE 300 SANDING SEALER with the base and hardener at the weight ratio of 2:1. Paint twice to create a dry film with thickness of 50 μm or more adhering to the repainting interval. 3) Paint with designated thinner at 30 - 50 % (Urethane thinner for carpentry). 4) After applying the intermediate coating, dry for at least 2 - 3 hours at 20 °C (1 - 2 hours at 60 °C). Sand the object with a 320 - 400 eyelet sanding paper and mix the SMARTHANE 300 TOP COAT CLEAR with the base and hardener at the weight ratio of 2:1. Paint to create a dry film with thickness of 30 - 40 μm. 5) Paint with designated thinner at 30 - 50 % (Urethane thinner for carpentry). 6) When applying the top coat twice, dry the primary coating completely and sand it with a 400 eyelet sanding paper before applying the secondary top coat.

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