

SMARTHANE 1000 ALL PURPOSE TOP COAT CLEAR



SMARTHANE 1000 ALL PURPOSE TOP COAT CLEAR is a urethane top coat paint for transcription furniture that consists of special polyol, isocyanate, and special additives. It features outstanding adhesiveness and crack resistance for all transcription furniture and wood. This urethane topcoat transparent paint for transcription furniture features superior yellowing resistance and leveling, dries quickly, and has outstanding workability.

Usage

Top coat of transcription furniture and transcription teaching tools

Specification

Paint type	Two-component polyester urethane paint			
Product features	1. It features outstanding adhesiveness. 2. It dries quickly and features outstanding workability. 3. It offers satisfactory film formation and leveling. 4. It features outstanding crack resistance for transcription sheets. 5. It features outstanding yellowing resistance.			
Exterior	Semi-transparent yellow rice colored liquid	Drying (25 °C)	Set to touch drying	10 - 15 Minutes
Specific gravity (25 °C)	1.01 ± 0.05		Curing	4 - 5 hours
Coverage (g/m ²)	60 - 80	Viscosity (KU/25 °C)	60 ± 5	
Color	Transparent	Solid content (%)	Base	51 ± 3
Mixture ratio	Base (A) / Hardener (B) = 3/1 (Weight)		Hardener	37 ± 3
Polish	Glossy - Matte	Shelf life	12 months	
Thinner	Urethane thinner for wood coating			

How to Use

Surface treatment	1) Do not paint on wet wood. 2) Completely remove oil, moisture, sand, dust and foreign substances from the surface.
Coating Method	1) After surface treatment, sufficiently mix the SMARTHANE 1000 ALL PURPOSE SANDING SEALER with the base and hardener at the weight ratio of 3:1. Paint with a spray to create a dry film with thickness of 40 μm or more. 2) After primary painting, perform secondary painting using the SMARTHANE 1000 ALL PURPOSE SANDING SEALER with the same method at 20 °C for 1 - 2 hours. 3) Paint with designated thinner at 30 - 50 % (Urethane thinner for carpentry). 4) After applying the midcoat, 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 1000 ALL PURPOSE TOP COAT CLEAR with the base and hardener at the weight ratio of 3:1. 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.