

PROPERTY TABLE

SMILE UP SEALER

SMILE UP SEALER is 2component Polyurethane undercoat for wooden products.

1、Property Table

at35°C 70%R・H

ITEM	Condition	Property
Type	2component Polyurethane undercoat	
Appearance	A liquid	Milky white
	B liquid	Transparent
Component Ratio	A : B	2 : 1
Thinner for dilution	Dilute	SMILE UP THINNER #200
	For dry speed control	SMILE UP THINNER #100
Dilute Ratio	Spray	40%~60%
	Brush	10%~30%
Viscosity HIS CUP	40% diluted	12sec
	60% diluted	10sec
After mixed Usable time※	40% diluted	2hours
	60% diluted	2.5hours
Drying time	Dry to touch	2min
	Dry through	24min

※Notice : Usable time means that viscosity of mixed paint increased 3~4sec from started viscosity. So after this time it happen bad levelling & bad adhesion.

2、Major Characteristics

- (1) Fast Drying
- (2) Good Sandability
- (3) Good transparency
- (4) Good thickness feeling

3、Using Method

(1) Standard coating process For Example by Urethane

No.	Process	Material Mixing ratio	Temperature: 30° C		
			Application Method	Application quantity	Drying time
1	Surface preparation	Remove dirt and extraneous matter carefully not to hurt wood part. Oil should be wiped off with solvents, and wood resin be scrape off or be wiped off with solvents after using an electric branding iron. Holes should be filled with a wood putty.			
2	Wood sanding	Sand paper No. 180-240			
3	Coloring	Smile UP Filler 100 Smile UP Thinner#100 30-50	Brushing & wiping with clothes	30-50g/m ²	2hours over
4	Undercoat (once or twice)	Smile UP Sealer A liquid 100 Smile UP Sealer B liquid 50 Smile UP Thinner #200 60-90	Spraying & brushing	80-100	2hours over
5	Sanding	Sand paper No. 320-400			
6	Topcoat	Smile UP Top A liquid each%100 Smile UP Top B liquid 50 Smile UP Thinner #200 60-90	Spraying	80-100	1 day over

- (2) Before using and mixing the products, shake the containers and stir them well with sticks, and confirm that they have no sediment. Also, stir the mixed product well.
- (3) Store the products in a dark and cool place avoiding direct sunlight.
- (4) After using the B liquid of Smile UP Sealer and Smile UP Top, seal them hermetically because they will react with moisture in the air.
- (5) Be careful not to leave excessive unwiped parts when you apply the Smile UP Filler. It can cause adhesion failures.
- (6) The drying time depends on wood, temperature and humidity conditions