

Smile UP Sealer Protect

スマイルUPシーラー プロテクト

“Smile UP Sealer Protect” most suitable for reinforcement of soft wood

Advantage :

1. Which is most suitable for reinforcement of soft wood
2. Strong coating film prevents crack and dent
3. Not require any special painting equipment
4. Compliant with “Four-star” ratings, standard for acetaldehyde emission in Japan
5. Conformity to Food Sanitation Act ※ On fully dried coating

Patent acquisition product
in Japan

‘Impact-resistant comparison’ *Falling-weight test

Conventional urethane coating

“Smile UP Sealer Protect” coating



Kind of wood : Especially Pine and Rubber wood

Use : Wooden part of interior materials, tabletop, counter, etc.



Performance : Japan’s rating “JIS K-5600 Scratch hardness (Pencil method) “

* Kind of wood : Cedar

Unpainted wood	– less than 6B
Conventional urethane coating	– less than 4B
“Smile UP Sealer Protect” coating	– 3H

Smile UP Sealer Protect

スマイルUPシーラー プロテクト

"Smile UP Sealer Protect system" Standard painting specification

Advantage	"Smile UP Sealer Protect" Which is most suitable for reinforcement of soft wood.		
Use	Wooden part of interior materials tabletop, counter, etc.		
Finish	Two component type urethane finish	Gloss	Gloss 30, Gloss 60, Gloss 90
Kind of wood	Especially Pine and Rubber wood	Application method	Spraying

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	Undercoat (Once or Twice)	Smile UP Sealer Protect A liquid 100 Smile UP Sealer Protect B liquid 100 Smile UP Thinner #200 20-60	Spraying	200-250g/m ²	overnight or longer
4	Sanding	Sand paper No. 240-280			
5	Middlecoat (Once or Twice)	Smile UP Sealer A liquid 100 Smile UP Sealer B liquid 50 Smile UP Thinner #200 60-90	Spraying	80-100g/m ²	4 hours over
6	Sanding	Sand paper No. 320-400			
7	Topcoat	Smile UP Top A liquid Each Mat 100 Smile UP Top B liquid 50 Smile UP Thinner #200 60-90	Spraying	80-100g/m ²	1 day over

Precautions for use

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.

Please tighten a lid and store in the place which avoids direct sunlight certainly.

Please ventilate often during work and take as much care as possible.

After using the B liquid of Smile UP Sealer Protect and Smile UP Sealer, Smile UP Top, seal them hermetically because they will react with moisture in the air.

When Smile UP Sealer Protect coating, diameter of the squirt gun, please use 2mm or 2.5mm.

The drying time depends on wood, temperature and humidity conditions Before using and mixing the products.