

# Bodyian Bodyian 1K Primer-Surfacer BP-2000

Version 24.03

## PRODUCT DESCRIPTION

### ■ Outline

Bodyian 1K primer-surfacer BP-2000 is a premium, acrylic based lacquer primer-surfacer designed for faster filling and less shrinkage than normal lacquer primer-surfacers. It dries to sand in as little as 20 minutes and sands easily without clogging the sandpaper.

Bodyian 1K primer-surfacer BP-2000 is a fast drying, easy sanding primer-surfacer. It offers fast filling characteristics and outstanding feather edging. It fills 80-180 grit scratches.

### ■ Suitable Substrates

OEM finishes

Sanded body filler

Thoroughly dried two-component coats (urethane, epoxy, etc.)

### ■ Product Configuration

Product Name	Pack(ℓ)	Contents(ℓ)	Storage
Bodyian 1K Primer-Surfacer BP-2000	4.0	4.0	12 months
-	-	-	-
Bodyian Urethane Reducer MR-10, 20, 30	4ℓ , 16ℓ	4ℓ , 16ℓ	24 months

\* Standard temperature of storage is 20°C.

### ■ Mixing Viscosity

14~16 sec. Viscosity(A+T) Ford Cup #4 at 77°F (25°C)

### ■ Reducer

	Temperature			
	5~15°C	10~25°C	20~30°C	30°C above
Partial	MR-10	MR-20	MR-30	MR-30
1~3 panels	MR-10	MR-20	MR-30	MR-30
4 panels or above	MR-10	MR-20	MR-30	MR-30

## APPLICATION GUIDE

### ■ Use

Stirring



Stir thoroughly before use.

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Surface  
Preparation



Wipe dry with a clean cloth. Sand and eliminate all rust and corrosion.

Mixing  
Ratio



Product Name	Mixing Ratio
Bodyian 1K Primer-Surfacer BP-2000	1
-	-
Bodyian Urethane Reducer MR-10, 20, 30	0.5~1

\* Mix by volume.

Spray  
Condition



1~2.5 bar  
2~3 wet coats keeping 15~20cm from the surface  
Fluid tip : 1.3~1.6mm, D.F.T.=40~60 $\mu$ m



Flash time : 5 min  
Set time : 5 min

Protective  
Equipment



Use fresh air mask or charcoal respirator to avoid inhaling or being exposed to fumes.

## ■ Drying Times

Time  
to sand



20 min / 77°F (25°C)



Dry sand P400



Wet sand P600

In case of wet sanding, allow water to evaporate. Apply heat to ensure water has evaporated to prevent humidity blistering.

## ADDITIONAL INFORMATION

### ■ Time to Apply Topcoat

- 1) After applying BP-2000, maximum hours to apply topcoat are 24 hours.
- 2) After 24 hours, sand with P600 and recoat.

### ■ Applicable Topcoats

Bodyian Basecoat / Clearcoat

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**Bodyian Unitan**  
**Bodyian Excellent**

## ■ **VOC Content**

**VOC content of 5.5lbs/gal (680g/liter)**

## ■ **Notice**

1. Completely eliminate the moisture of spray equipment before use.  
Cleanse immediately after application not to have any leftover on spray equipment.
2. Stir thoroughly before use.
3. Avoid direct sunlight during delivery, storage and handling. Store in a cool, dry dark place under room temperature(5°C-35°C).
4. Keep container tightly closed and store upright. When spilled, absorb contents with sand.
5. During application(including touch-up application), color difference may occur depending on mixing ratio, painting tools and application method. It may occur in same color product and same LOT No.
6. Please check whether color difference occurred or not. If possible, apply the same LOT No. product in consistent application method.
7. Suitable condition for application and hardening is 10°C or above.
8. Surface temperature must be at or above 3°C to avoid moisture condensation.
9. Do not mix with other paint products.
10. Proceed a test application before applying on a precedent or an old paint film (check adhesion, color spread and transparency).
11. Please refer to technical data sheet before system application(primer, midcoat and topcoat).
12. Please do not apply paint above 85% RH or below 5°C because it may influence physical properties.
13. Contents must not flow into drain, river and soil.