



# HiQ Primer-Surfacer PS-810

## Non-sanding 2K Primer-Surfacer

Version 1.0

### PRODUCT DESCRIPTION

#### ■ Outline

PS-810 is two-component urethane primer-surfacer which is designed for automotive refinishes. It does not need force dry and sanding thus enables you to reduce working hours and costs.

It has superior topcoat hold-out and good adhesion.

It is a system designated for a booth and proper for changing panels and minor damaged spots.

#### ■ Suitable Substrates

Sanded putty coats

OEM finishes

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

#### ■ Product Configuration

Product Name	Pack(ℓ)	Contents(ℓ)	Storage
HiQ Primer-Surfacer PS-810	4.0	3.2	12 months
HiQ Primer-Surfacer Hardener PSH-518	1.0	0.8	6 months
HiQ Urethane Reducer DR-421 Series	4ℓ , 16ℓ	4ℓ , 16ℓ	24 months

\* Standard temperature of storage is 20°C.

#### ■ Mixing Viscosity

12~16 sec. Viscosity(A+B) Ford Cup #4 at 77°F (25°C)

#### ■ Pot Life

1 hour at 77°F (25°C) after mixing

#### ■ Reducer

	Temperature			
	5~15°C	10~25°C	20~35°C	30°C or above
Partial	DR-421W	DR-421 WS	DR-421S	DR-421S
1~3 panels	DR-421W	DR-421 WS	DR-421S	DR-421S *
4 panels or above	DR-421W	DR-421 WS	DR-421S	DR-421R

\* It is recommended to mix DR-421S with 20-30% of DR-421R.

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## APPLICATION GUIDE

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### ■ Use

Stirring



Stir thoroughly before use.

Surface  
Preparatio



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

Mixing  
Rati



Product Name	Mixing Ratio
HiQ Primer-Surfacer PS-810	4
HiQ Primer-Surfacer Hardener PSH-518	1
HiQ Urethane Reducer DR-421 Series	2

\* Mix by volume

Spray  
Condition



2.0~3.5 bar (gravity feed)  
1 wet coat keeping 20~25cm from the surface  
Fluid tip : 1.3~1.8mm, D.F.T.=15~25 $\mu$ m



2.4~4.0 bar (siphon feed)  
1 wet coat keeping 20~25cm from the surface  
Fluid tip : 1.4~1.8mm, D.F.T.=15~25 $\mu$



Set time : Apply topcoat immediately after 10 minutes.  
(Reference temperature : 20°C)

Protective  
Equipmen



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

### ■ Drying Times

PS-810 is designed for QRS (Quick Repair System) and does not need force dry. After 10-minute set time, it is okay to apply follow-up coats. (basecoat, topcoat)

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## ADDITIONAL INFORMATION

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### ■ Time to Apply Topcoat

- 1) After applying PS-810 , maximum hours to apply topcoat are 48 hours.
- 2) After 48 hours, sand with P800 and recoat.

## ■ Applicable Topcoats

HiQ Basecoat / Clearcoat	Bodyian Basecoat / clearcoat
HiQ Unitan	Bodyian 2K topcoat
HiQ Excellent	

## ■ VOC Content

VOC content of 6.4 lbs/gal (780g/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.
14. To prevent environmental pollution, dispose contents after complete use and dispose the residue through waste disposal company authorized by the ministry of environment.
15. Beware of ingestion, inhalation and contact of animals and plants.
16. Use masking tape, covering tape, vinyl or newspapers to cover areas that should not be painted.

## ■ Health and Safety

1. Be well-informed of MSDS before use.
2. Keep out of the reach of infants and children. Do not apply a product to baby products and food containers.
3. Do not use a product for any other uses. (Sniffing is prohibited. Do not use as a fuel.)
4. If on skin or eye, wash thoroughly with running water and get a medical treatment.
5. Do not apply a product in an enclosed area.  
In order to prevent suffocation during application and drying, use power blower to keep the area fully ventilated. Workers must wear gas mask and safety gears all the time.
6. Contents include organic solvents and can cause health problems such as headache, dizziness and dermatitis.  
Do not ingest or inhale the product and avoid skin contact.

- Wear safety glasses, coveralls and latex gloves when mixing and applying.**
- 7. Keep away from fire and heat during application or storage because it is flammable and has risk of fire.  
Beware of spark from impact, droppage and friction while handling.**
  - 8. Storing a product with combustibile substances such as stained clothes or paper may cause fire by spontaneous ignition. Thus do not pile products with combustibile substances.  
Keep it in a non-flammable container filled with water, then put a lid on and dispose it.**
  - 9. Please contact our customer service or refer to GHS-MSDS and technical data on the website for further details.**

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