

HiQ Primer-Surfacer PS-810

Non-sanding 2K Primer-Surfacer

Version 24.03

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

Treated steel

OEM finishes

Sanded body filler

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	12 months
HiQ Urethane Reducer DR-421 Series	4 ℓ , 16 ℓ	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℃	10~25℃	20~35℃	30℃ 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.

APPLICATION GUIDE

Use

Stirring



Stir thoroughly before use.

Surface Preparation



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

Mixing Ratio



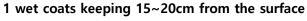
Product Name	Mixing Ratio
HiQ Primer-Surfacer PS-810	4
HiQ Primer-Surfacer Hardener PSH-518	1
HiQ Urethane Reducer DR-421 Series	2

^{*} Mix by volume.

Spray Condition



1~2.5 bar





Fluid tip: $1.3 \sim 1.6$ mm, D.F.T.= $15 \sim 25 \mu$ m



Set time: Apply topcoat immediately after 10 minutes.

(Reference temperature : 20°C)

Protective Equipment



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)

ADDITIONAL INFORMATION

- 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

Bodyian Basecoat / clearcoat Bodyian 2K topcoat

■ VOC Content

VOC content of 6.4 lbs/gal (780g/liter)

Notice

- 1. For 2K products, short pot life, delayed drying time or unreactive substance can occur depending on hardener volume. Thus please mix base(A) and hardener(B) according to the proper mixing ratio.
- 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. Putty marks might appear when you directly apply over the lacquer coating. As time goes by, it can peel off.
- Completely eliminate the moisture of spray equipment before use.
 Cleanse immediately after application not to have any leftover on spray equipment.
- 9. Suitable condition for application and hardening is 10°C or above.
- 10. Surface temperature must be at or above 3°C to avoid moisture condensation.
- 11. Do not mix with other paint products.
- 12. Proceed a test application before applying on a precedent or an old paint film (check adhesion, color spread and transparency).
- 13. Please refer to technical data sheet before system application(primer, midcoat and topcoat).
- 14. Please do not apply paint above 85% RH or below 5°C because it may influence physical properties.
- 15. Contents must not flow into drain, river and soil.
- 16. Hardener must be stored under room temperature, avoid direct sunlight and keep away from humidity.
- 17. To prevent environmental pollution, dispose contents after complete use and dispose the residue through waste disposal company authorized by the ministry of environment.
- 18. Beware of ingestion, inhalation and contact of animals and plants.
- 19. 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.
- 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 combustible substances such as stained clothes or paper may cause fire by spontaneous ignition. Thus do not pile products with combustible 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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