



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	3.2	4.0	12 months
HiQ Primer-Surfacer Hardener (PSH-518)	0.8	1.0	12 months
HiQ Urethane Reducer DR-421 Series	4ℓ , 16ℓ	4ℓ , 16ℓ	24 months

* Standard temperature of storage is 20°C.

■ Mixing Viscosity

12~15 sec. Viscosity(A+B+T) 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.

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



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 μ 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 μ m



0.6~0.8 bar (at nozzle)
2 wet coats keeping 20~25cm from the surface
Fluid tip : 1.4~1.8mm, D.F.T.=15~25 μ 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 Quick Repair System and does not need force dry. After 10-minute set time, it is possible 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**

HiQ Basecoat / Clearcoat
HiQ Unitan
HiQ Excellent

■ **VOC Content**

VOC content of 5.5lbs/gal (656g/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. **Put a lid on the product after apply and keep it away from direct sunlight and moisture.**

■ **Health and Safety**

1. **Be well-informed of MSDS before use.**
2. **Follow all the directions labeled on the container.**
3. **For safety reasons, work in the fully-ventilated place.**
4. **Wear safety glasses, coveralls and latex gloves when mixing and applying.**

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