

PRODUCT DESCRIPTION

■ Outline

PS-220 is a premium, acrylic based lacquer primer-surfacer designed for faster filling and less shrinkage than normal lacquer primer-surfacers. Allow a minimum of 20 to 30 minutes before sanding and PS-220 sands easily without clogging the sandpaper.

PS-220 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

- Treated steel
- OEM enamels
- Refinish enamels
- Unsaturated polyester putty

■ Product Configuration

Product Name	Pack(l)	Contents(l)	Storage
Acrylic Primer-Surfacer PS-220 Gray	4.0	4.0	12 months
-	-	-	-
HiQ Lacquer Reducer DR-777 Series	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	20~35°C	30°C or above
Partial	DR-777W	DR-777W	DR-777S	DR-777S
1~3 panels	DR-777W	DR-777W*	DR-777S	DR-777S
4 panels or above	DR-777W	DR-777W*	DR-777S	DR-777S

* It is recommended to mix DR-777W with 40-50% of DR-777S

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
Acrylic Primer-Surfacer PS-220 Gray	1
-	-
HiQ Lacquer Reducer DR-777 Series	1

* Mix by volume.

Spray Condition



2.0~3.0 bar (gravity feed)
2~3 wet coats keeping 20~25cm from the surface
Fluid tip : 1.2~1.5mm, D.F.T.=25~50 μ m



3.0~4.0 bar (siphon feed)
2~3 wet coats keeping 20~25cm from the surface
Fluid tip : 1.4~1.6mm, D.F.T.=25~50 μ 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



15 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 PS-220, maximum hours to apply topcoat are 24 hours.
- 2) After 24 hours, sand with P600 and recoat.

Applicable Topcoats

HiQ Basecoat / Clearcoat
HiQ Unitan
HiQ 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.



Acrylic Primer-Surfacer PS-220 Gray

Version 1.0

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 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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