



HiQ Triple Clearcoat HC-5310

Version 1.0

PRODUCT DESCRIPTION

■ Outline

HiQ Triple Clearcoat HC-5310 is a high performance clearcoat which has excellent leveling and wetting with high gloss function.

It is easy to apply and does not have color variation in high temperature.

HiQ Triple Clearcoat TC-5310 is a high performance clearcoat designed for spot and overall repair

■ Suitable Substrates

- HiQ, Bodyian basecoat(metallic/solid/pearl)

■ Product Configuration

Product Name	Pack(ℓ)	Contents(ℓ)	Storage
HiQ Triple CLEAR HC-5310	4.0	3.00	24 months
HiQ Triple Clearcoat Standard Hardener CCH-630	1.5	1.00	12 months
HiQ Triple Clearcoat Slow Hardener CCH-630S	1.5	1.00	12 months
HiQ Triple Clearcoat Fast Hardener CCH-630F	1.5	1.00	12 months

* Standard temperature of storage is 20°C.

■ Mixing Viscosity

15~17 sec. Viscosity(A+B) Ford Cup #4 at 77°F (25°C)

■ Pot Life

2 hours at 77°F (25°C)

■ Hardener

	Temperature			
	5~15°C	10~25°C	20~35°C	30°C or above
Spot repair	CCH-630F	CCH-630	CCH-630	CCH-630S
1~3 panel repair	CCH-630F	CCH-630	CCH-630	CCH-630S
Overall repair	CCH-630	CCH-630	CCH-630S	CCH-630S

APPLICATION GUIDE

■ Use

Surface
Preparation



Apply clearcoat after applying basecoat and wiping off the dust in the fully-dried condition.

Mixing
Ratio



Product Name	Mixing Ratio
HiQ Triple CLEAR HC-5310	3
HiQ Triple Clearcoat Standard Hardener CCH-630	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 : 1.2~1.6mm, D.F.T.=40~60 μ m



3.0~4.0 bar (siphon feed)
2~3 wet coats keeping 20~25cm from the surface
Fluid tip : 1.4~1.8mm, D.F.T.=40~60 μ m



0.6~0.7 bar (at nozzle)
2 wet coats keeping 20~25cm from the surface
Fluid tip : 1.3~1.5mm, D.F.T.=40~60 μ m



Flash time : 10 min
Set time : 10 min

Protective
Equipment



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

■ Drying Times

	Temp. Time		Temp. Time		Remark
Set time	25°C	8 min			
Time to handle	25°C	8 hrs	60°C	30 min	
Time to polish	25°C	8 hrs	60°C	30 min	

(*) If coats are thicker, the drying schedule will be delayed.

ADDITIONAL INFORMATION

■ Recoatability

- 1) Recoatable time : 24 hours at ambient temperature after force dry
- 2) Sand and wipe off the dust with DR-180 before recoating.



Dry sand P800



Wet sand P400 - P500

■ Blending



Product : HiQ Blending Reducer (DR-500)

Spray pressure : 2 bar

Number of coats : 1~2 coats

- Procedure :
- 1) Apply HC-5310 clearcoat.
 - 2) On the second application, apply wider than the first application area.
 - 3) Dilute HC-5310 with DR-500 by the portion of 1:1 and apply once wider than the previous application area.
 - 4) Melt the edge of the previous coat using DR-500.

■ VOC Content

VOC content of 450g/liter

■ Notice

1. Completely eliminate the moisture of spray equipment before use because two-component urethane coats react with moisture. 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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