

PRODUCT DESCRIPTION

Outline

HiQ Clearcoat TC-410 is a fast dry urethane clearcoat designed for quick repairs where speed is essential. TC-410 dries out of dust in as fast as 10 minutes and can be lightly polished on the same day.

IC-410 is easy to apply and a nigh gloss acrylic urethane system with excellent durability

Suitable Substrates

HiQ basecoat colors OEM finishes Aged refinishes

Product Configuration

Product Name	Pack(ł)	Contents(l)	Storage
HiQ Clearcoat (TC-410)	4.0	4.0	12 months
HiQ Urethane Hardener (CCH-200, 230, 250)	1.0	1.0	6 months
Reducer : Not used	-	-	-

* Standard temperature of storage is 20°C.

Mixing Viscosity

12~14 sec. Viscosity(A+B) Ford Cup #4 at 77°F (25°C)

Pot Life

2 hours at 77°F (25°C) using CCH-200

Hardener

		Tempe	erature	
	5~15℃	10~25℃	20~35℃	30°C or above
Spot repair	CCH-250	CCH-200	CCH-200	CCH-230
1~2 panel repair	CCH-250	CCH-200	CCH-230	CCH-230
Multi panel repair	CCH-250	CCH-200	CCH-230	Non applicable



HiQ Clearcoat (TC-410)

Version 1.0

Use						
Surface reparation		Apply clearcoat after applying basecoat and wiping off the dust in the fully-dried condition.				
Mixing			ct Name	Mixing Ratio		
Ratio		HiQ Cleard	coat (TC-410)	4		
		HiQ Urethane Harder	ner (CCH-200, 230, 250)	1		
			: Not used	0		
				* Mix by volume		
Spray		2.0~3.0 bar (gravity	feed)			
Condition	T	2~3 wet coats keeping 20~25cm from the surface				
		Fluid tip : 1.2~1.5mr	n, D.F.T.=40∼60µm			
		3.0~4.0 bar (siphon feed)				
	Z ∎	2~3 wet coats keeping 20~25cm from the surface				
		Fluid tip : 1.4~1.6mr	n, D.F.T.=40∼60µm			
		0.6~0.7 bar (at nozz	le)			
	HVLP	2 wet coats keeping	2 wet coats keeping 20~25cm from the surface			
		Fluid tip : 1.3~1.5mr	n, D.F.T.=40~60µm			
	() ₊) ₊)	Flash time : 3 min				
		Set time : 5 min				
Protective quipment		Use fresh air mask or charcoal respirator to avoid inhaling or being exposed to fumes.				
Drying Time	es					
		Temp. Time	Temp. Time	Remark		
Set time		25℃ 5 min				
Time to		25℃ 1.5 hrs	60°C 30 min			
Time to	stripe	25℃ 1.5-2 hrs	60℃ 30 min			
Thoroug	h drv	25℃ 6 hrs	60℃ 1 hr			
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25℃ 1.5 hrs (*) If coats are thicker, the drying schdule will be delayed.

Time to polish

30 min

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60°C



HiQ Clearcoat (TC-410)

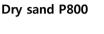
Version 1.0

ADDITIONAL INFORMATION

Recoatability

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





Wet sand P400 - P500

Blending



Product : HiQ Blending Reducer (DR-500) Spray pressure : 2 bar

Number of coats : 1~2 coats

- Procedure : 1) Apply TC-410 clearcoat.
 - 2) On the second application, apply wider than the first application area.
 - 3) Dilute TC-410 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 4.9lbs/gal (600g/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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