

CC-271 QUICKSTARTER GUIDE

Learn everything you need to achieve perfect finishes with CC-271 in as little as 5 minutes with the CC-271 Quickstarter Guide.



WHAT YOU'LL NEED:



• CC-271 Clear Coat Gallon (3.785 L)



- ❖ [CC-47F Fast Activator Quart \(946mL\)](#)
- ❖ [CC-47M Medium Activator Quart \(946mL\)](#)
- ❖ [CC-47S Slow Activator Quart \(946mL\)](#)



STEP 1: MIXING

UHS(Ultra High Solids Application)

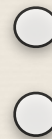


2:1:0
MIX RATIO

55% SOLIDS
AS APPLIED



2 Parts CC-271



1 Part CC-47F,M,or S

Alternate: High Solids Application

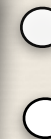


2:1:1
MIX RATIO

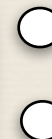
41% SOLIDS
AS APPLIED



2 Parts CC-271



1 Part CC-47F,M,or S



1 Part
CR-004,007,010
Urethane Grade
Reducer



FOR BEST RESULTS, MIX THE THE ACTIVATOR, CLEAR COAT AND/OR REDUCER THOROUGHLY BEFORE SPRAYING. THIS ENSURES THAT THE CLEAR HAS THE PROPER RATIO OF ACTIVE INGREDIENTS FROM EACH COMPONENT.



STEP 2: EQUIPMENT AND SETTINGS

GUN & PRESSURE SETTINGS:

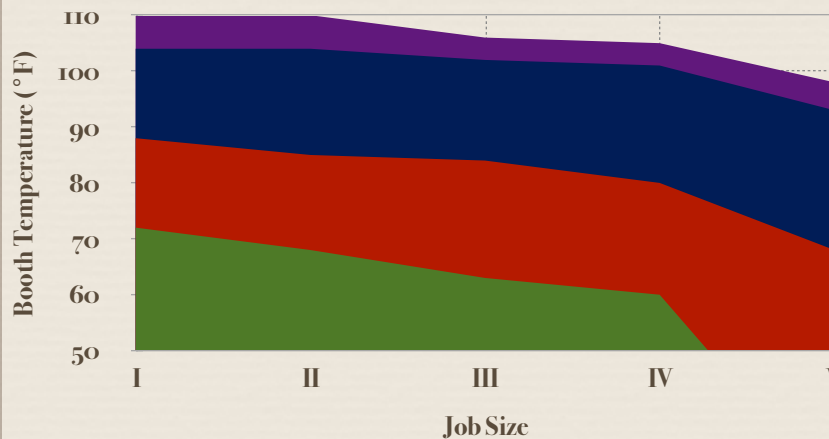
Gun Type:	Nozzle Size:	Spray Distance:	Inlet Pressure(psi):
Conventional	1.3-1.4 mm tip	6-8 in. (15-20 cm)	26-32 psi
HVLP	1.3 mm tip	5-7 in. (12-18 cm)	22-28 psi

In general its best to "do what feels right" instead of following the exact numbers and distance here. The aim is to get a correct even spray pattern out of the gun. CC-271 can flow out properly with many different spray techniques.

WHICH SPEED ACTIVATOR DO I USE?

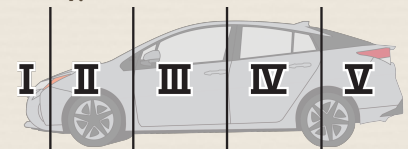
As a general rule, there are 2 major factors that decide the dry time and performance of your clear. Those factors are the temperature of the booth(during application) and the size of the job. These two things will decide your flash and dry times. Below is a graph designed to help you select the best activator for your application.

CC-271 ACTIVATOR SELECTION CHART



- CC-47F
- CC-47M
- CC-47S
- CC-47XS

JOB SIZE:



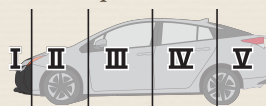
This car is used as an estimate to the size of a paint job. Section I is a Spot/Panel job and V would be an overall paint job.

DISCLAIMER: The chart is created as a rough estimate. The CC-271 Activator Selection Chart should be used as a guide to select an appropriate activator.



STEP 3: APPLICATION

PANEL SIZE Spot/Panel

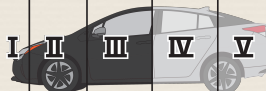


2 Coats:
1 Medium-Wet
1 Wet



5-8 Minutes

Multi-Panel, Hood, Fender



2 Wet Coats



10-15 Minutes

Overall, Very Large Jobs



3 Coats:
1 Medium-Wet
1 Wet
1 Wet



15 Minutes



STEP 4: DRY TIMES



DRY TIMES (77° F)



JOB SIZE

(I) Spot & Panel
(II-III) Multi- Panel
(IV-V) Overall/ Large Job



FLASH TIME

5-8 min
10-15 min
15-20 min



DRY TO TOUCH

30 min
45 min
60 min



DRY TO HANDLE

45-60 min
60-90 min
90-120 min



TIME TO POLISH

4-6 Hours
6-8 Hours
8-12 Hours



POT LIFE:
60-90 Minutes



BAKE
TIME (130° F):
15-20 Minutes

STEP 5: TIPS AND TRICKS



Tip 1: Humidity

Humidity and moisture in the air will always get in the way of your finish. Try to eliminate high humidity environments and avoid relative humidity of around 70% for best results. Excess moisture can react with the activator and cause bubbling in the film.

Tip 3: Polishing

Light sand with P#2000-2500 grit sandpaper for the finishing touches. This may take a bit longer than coarser sandpaper (P#1000-1500) but will result in a more even finish.

Tip 2: Pay Attention to Flash Times

Many issues ranging from die-back to solvent pop to orange peel can all be avoided by waiting the correct flash times. Solvent Pop occurs from solvents being trapped in the film and spraying another layer on top.

Tip 4: How Much Clear to Mix

Testing has shown that a whole side of a car(III) can be done with one quart of mixed clear at 2:1. Consider this when figuring out how much clear to mix for your application.



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