

ENVIROBASE®

HIGH PERFORMANCE

EC530 Frequently Asked Questions



Question: What is the recommended use of ENVIROBASE® High Performance EC530 clearcoat?

Answer: EC530 **En-V**® Performance Clearcoat is a versatile production clear. Recommended for cycle time focused collision centers looking for an easy to apply – two coat clear that provides exceptional hardness out of bake and superior gloss.

Question: How does this clear differ from EC700?

Answer: **EC700 ONE-VISIT**® Production Clearcoat requires no flash time between application coats; i.e. “*One-Visit*”. EC530 **En-V** Performance Clearcoat is a traditional 2 coat clear requiring a 3-to-5-minute flash between coats and has its own unique hardener and reducers.

Question: Why does this clear have 4 reducers?

Answer: To improve application results based on temperature and humidity conditions. The proprietary resin technology of EC530 **En-V** Performance Clearcoat allowed us to create new temperature adjusted reducers. This affords technicians in compliant areas the ability to “dial-in” their application parameters to match their environmental conditions.

Question: Why was ECR98 Hot and Humid Reducer launched?

Answer: ECR98 was introduced to improve the application window for EC530 in high heat and humidity conditions. However, it will also help with multiple panel repairs or overalls in moderate temperatures. This reducer is recommended for Low VOC and National Rule areas.

Question: Can the new ECRxx compliant reducers be blended?

Answer: Yes, the new reducers may be blended together in the field. However, the reducers have been designed to cover a very wide range of application temperatures and conditions when used with the new hardener. We would prefer they be used as they were designed. Please refer to the chart on the most recent EC530 **En-V** Performance Clearcoat product bulletin (EB-530) for more specific solvent selection criteria. ECR98 reducer performs similar to a retarder but is used as a full part. It is recommended for overall paint jobs or when the temperature and humidity rise.

Question: Can EC530 use typical compliant reducers?

Answer: Yes, however, using PPG’s typical compliant reducers will affect the application, appearance and initial hardness.

Question: Can shops in the NR areas use standard DELTRON® DT15xx series reducers?

Answer: Yes, the product will perform exceptionally well with NR reducers without affecting application or appearance. Please reference EB530NR National Rule product bulletin for more detailed information.

Question: Can EC530 use other PPG brand hardeners?

Answer: No, using any other hardeners in EC530 is not recommended. ECH5075 Standard Hardener is unique to this clearcoat.

Question: Can EC530 be air dried?

Answer: Yes, EC530 clear will dry air to hand able 70 F (21° C) in 4 hours or less.

Question: What is the typical spray viscosity and solids?

Answer: The sprayable viscosity is 16 seconds using a #4 DIN cup. The sprayable solids is 43%.

Question: Are there recommended spray gun set-ups?

Answer: Yes, below are a few starting recommendations from the various equipment suppliers that we've tested.

Tekna® Pro-Lite	IWATA	IWATA	SATA®	SATA®
TE 20 air cap	LS 400	WS 400	HVLP	RP
1.3 tip	1.4 H	1.3 HD	1.4	1.2 - 1.3
26-28 psi	26-28 psi	27-30 psi	26-27 psi	26-28 psi

PSI data is based on the use of High-Flow fittings. Standard flow fittings will require about a 5 – 7 psi increase.

Note: ECR98 Hot and Humid Reducer is the best option in Low VOC and National Rule areas when temperature is above 85°F and 70% RH.



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