

EPW115

ENVIROBASE® Waterborne Speed Prime Gray

Frequently Asked Questions

Question: What is the recommended use of EPW115?

Answer: EPW115 is a waterborne primer-surfacer recommended for small to medium size spot repairs.

Question: Can EPW115 be used direct-to-metal?

Answer: Yes. EPW115 applied over properly prepared metal will provide an optimal level of adhesion and corrosion resistance. Proper film build of EPW115 is critical when applying direct-to-metal, therefore a minimum of 2.5 mils is required after sanding and prior to top coat.

Question: How can waterborne primer be used over bare steel without causing rust?

Answer: EPW115 contains a flash rust inhibitor and can be applied directly over properly cleaned and sanded steel.

Question: Can EPW115 be used direct-to-plastic?

Answer:

Unprimed Plastic: An appropriate PPG adhesion promoter is required for application of EPW115 to unprimed plastic substrates. Note: When using the ONECHOICE® Plastic Prep System, **do not** use SU4902 Adhesion Wipe prior to applying SU4903 or SUA4903 Advance Plastic Bond.

Primed Plastic: EPW115 can be applied directly to properly cleaned and sanded, primed plastic substrates.

Question: What is the recommended spray gun* setup for EPW115?

Answer: Fluid Tip Size:
 1.6 – 1.9 mm.

Air Pressure:
HVLP: 10 PSI at the cap
Compliant: 25 – 35 PSI at the gun

*Note: EPW115 must be applied using a spray gun designed for use with waterborne products.

Question: What is the reduction of EPW115?

Answer: EPW115 is reduced with T494 Thinner at 10% by weight or 13% by volume. Reduction accuracy is important, therefore **it is recommended to reduce by weight using a mixing scale**. Reducing by weight is NOT the same as reducing by volume! T492 Adjuster is not recommended for use with EPW115.

Note: for proper agitation, thoroughly hand shake EPW115 prior to reduction. EPW115 can be mechanically agitated.

Question: How is EPW115 applied?

Answer: EPW115 is applied similar to a urethane primer-surfacer, with 3 - 5 wet coats, achieving a dry-film of 0.8 – 1.0 mil per coat. EPW115 must be blown dry to a matte finish between coats similar to how waterborne basecoat is dried using auxiliary air amplifiers. Note: Applying “heavy” coats will slow the process by increasing the flash between coats and final dry time. EPW115 optimal speed performance is best achieved through the application of medium coats.

Question: Can EPW115 be applied by rolling?

Answer: Yes, EPW115 may be applied by rolling. Reverse priming with a foam roller is suggested for the smoothest application. Adjusting thinner levels may be required. EPW115 must be blown dry between coats the same as spray application. Note: rolling application can achieve different film builds than spray application. Be certain to check final film build when rolling or spraying in order to achieve optimal performance of EPW115.

Question: What is the recommended dry time before sanding?

Answer: After the final coat of EPW115 has completely flashed to a matte finish, air dry for 30 minutes before sanding. Note: high humidity and low temperature will adversely affect dry times.

Question: Can EPW115 be force dried with heat?

Answer: Yes, but due to the quick air-dry characteristics of EPW115 force drying with heat is not necessary.

Question: Can a guide coat be used on EPW115?

Answer: Yes. It is recommended to use the dry powder type guide coats. Using 1K lacquer or enamel guide coats will negatively affect sanding characteristics.

Question: What grit sandpaper is recommended?

Answer: Finer grit sandpapers are recommended, starting with 180 grit or finer sandpaper. Sanding cut-through areas can easily be addressed by re-applying EPW115 and re-sanding. EPW115 eliminates the need for aerosol cut-through primers.

Question: Can EPW115 be wet sanded?

Answer: Yes. Once completely dried after 30 minutes, EPW115 can be wet sanded. Water will not soften or remove dried EPW115.

Question: What cleaners are recommended for use with EPW115 prior to top coating?

Answer: EPW115 can be cleaned with DX330, SXA330 or SWX350. The use of DX394, glass cleaners and other ammonia-based cleaners are not recommended.

Question: Can EPW115 be used as a sealer/spot sealer?

Answer: No. EPW115 is a primer-surfacer and NOT a sealer.

Question: Can basecoat be applied directly to sanded EPW115?

Answer:

Waterborne Basecoat: Yes. Waterborne basecoat can be applied directly to sanded EPW115. For optimal performance, an ECS A-Chromatic Sealer is recommended.

Solventborne Basecoat: No. Sanded EPW115 must be sealed with an appropriate PPG branded, two-component sealer before applying Solventborne basecoat.

Question: What is the pot life of EPW115?

Answer: 24 hours when stored in sealed, plastic containers. EPW115 is a 1K primer and requires no activation.

Question: Can I keep EPW115 in my spray gun overnight?

Answer: No. While EPW115 has a 24 hour pot life when stored in sealed, plastic containers, it is not recommended that EPW115 remain in a spray gun overnight. For best practice, it is recommended that spray guns be cleaned after use with SWX100 waterborne gun cleaner.

Refer to EPW115 Waterborne Speed Prime technical data sheet EB-115 for additional information.

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