

Engineering Memorandum

Date: September 17, 2013
Subject: Mixing Procedures for Ultra-Ever Dry



We have received some feedback from Distributors and End Users indicating that there have been instances where there is difficulty putting the Bottom Coat of the Ultra-Ever Dry into a good solution prior to application. **We have learned that it is necessary to shake or mix the Bottom Coat for a minimum of 5-10 minutes to attain a sufficient and consistent solution.** Specifically with the Bottom Coat, there are many situations where a white coagulation is present at the very top or the very bottom of the container during use.

We are discovering that the mixing time for the bottom coat and the top coat are critical in the longevity of the application and the quality of the resulting coating. Our application instructions state to “shake well” for each coat. We need to get more specific and therefore, we are recommending the following (and changing our instructions moving forward on all new batches of material):

- **Bottom Coat:**
 - Shake for a minimum of 5-10 minutes for quarts and gallons; Mix with a mechanical mixer (spark-proof) for at least 5-10 minutes for 5-gal, 30-gal, and 55-gal sizes
 - For best results, apply the coating in thin layers, moving left-to-right across the surface and then top-to-bottom along the same surface; just avoid over-coating or “pooling” of the coating
 - These two passes should be the minimum application for best results.
 - Allow a minimum of 30 minutes to 1 hour dry time before applying the Top Coat
- **Top Coat:**
 - Shake for a minimum of 3-5 minutes for quarts and gallons; Mix with a mechanical mixer (spark-proof) for at least 3-5 minutes for 5-gal, 30-gal, and 55-gal sizes
 - Again, for best results, apply the coating in thin layers, moving left-to-right across the surface and then top-to-bottom along the same surface
 - These two passes should be the minimum application for best results.
 - Allow a minimum of 15-30 minutes dry time to test the coating; allow 2 hours dry time for typical use.
 - In extreme applications or applications where water is not the primary concern (for example, water-based paints or refined oils), best results will be seen when the coating is allowed to dry overnight

We understand this is a significant deviation from our current instructions. We believe that when the product ships, and spends time in transit, the polymers in the coating settle and coagulate over the journey. This causes the need for additional agitation to create the proper spray solution.

We will be changing the application instructions on future production runs moving forward and we will be working on a way to label current inventory so that customers are aware of the change.

Without your feedback and help, we would still not be aware of the depth of this issue. We want to sincerely and truthfully thank you for your patience during this time and we hope that this email will help your current customers.