

Fusion RM Application Guide

This guide expands upon the label instructions on your Fusion container and **MUST** be followed. If you have further questions, please do not hesitate to call EMS (877-424-4969) or your local distributor.

Fusion is a Ready-to-Use Product. No Dilution is Required.

Preparation

The surface must be properly prepared for a successful Fusion application. The surface must be clean, dry and without any coating or paint. Fusion cannot work through concrete, paint, oils, release agents or any foreign material that may be inside the drum. A clean, dry drum is required for a successful application.

Temperature

Prevent from freezing: Fusion containers must be stored above 40°F (5°C). Fusion should only be applied if the temperature of the drum is above 40°F (5°C). During cold weather, trucks must be parked inside to allow the drum to heat up, receive the Fusion application and be allowed to dry.

New Mixers

For new or refurbished mixer drums: stone and water should be added to the drum, rotated in charge mode for approximately 10 minutes then discharged completely. This is done to prepare the surface by removing any slag or oils that were present after the drum manufacturing process.

Water

Fusion is a sophisticated formulation. ANY water inside the drum (wet walls and fins, condensation or water present in the belly of the drum) will result in a failed application. Prior to the Fusion application, all water in the drum should be removed and the surfaces dried.

Drum Entry Application

Fusion can be applied with an airless sprayer (pump up sprayer typically used in lawn and garden applications). **Do not use an air sprayer or otherwise atomize Fusion.** Wear a painter's dust mask when applying using the Drum Entry Application method. A typical 10 cubic yard drum will require 2.1 gallons of Fusion to be treated correctly. The drum will look coated (wet) after just one gallon is applied. Be sure to continue the application until the entire two gallons is applied. Pay special attention to applying Fusion to the back side of the fins. This is where buildup first occurs and the Drum Entry method is the only method that insures proper coating of the fins. Waiting between coats is not needed. After exiting the drum, run a low RPM in charge mode for 15-20 revolutions, then discharge for the same 15-20 revolutions. A small amount of Fusion might be discharged. Raise the main and flip chute. Fusion coats these areas as well. Fusion can also be sprayed on the charge and discharge hoppers to prevent buildup in these areas. Any Fusion that discharges can be used in a future application.

No Entry Application

Follow the exact same preparation instructions above, pour at least 35 gallons of Fusion into a clean, dry, warm mixer drum. With the engine at 1200 RPM, rotate the drum in charge mode at 10 RMP for 10-15 minutes. After the allotted time, bring the truck engine to idle and slowly discharge Fusion into an open barrel or container. Approximately 98% of the Fusion will be discharged, ready to be used in the next application. This method does not insure the coating of the back side of the fins.

Dry Time

Fusion must be allowed to properly dry, overnight is preferable, but a minimum of 12 hours should be allowed. Any water entering the drum during dry time will ruin the application. The drum surface must remain above 40°F during the entire application and drying process.

Re-Application

Repeat preferred application process exactly every 2,000 yards of delivered concrete or as needed.

