

Fusion Application Guide

Steel Drum and Composite Drum

This guide expands upon the label instructions on your **Fusion** container and **MUST** be adhered to. If you have any questions, please do not hesitate to call EMS (800-510-8812) 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 32°F(0°C).

Fusion should only be applied if the temperature of the drum is above 40°F(5°C). During cold months, 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 product failure.

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 atomize Fusion. A typical 10 cubic yard drum will require 2 to 2.5 gallons of Fusion to be treated correctly.** The drum will look coated (wet) after just 1 gallon is applied, for proper performance; continue to apply until at least 2 gallons are used. Waiting between coats is not necessary. After exiting the drum, run at low RPM in charge mode for 15-20 revolutions, then in discharge for the same 15-20 revolutions. A small amount of **Fusion** might spill from the drum; raise the main and flip chute so the **Fusion** coats these chutes as well. **Fusion** can also be sprayed in the charge and discharge hoppers to prevent build-up in these areas.

No Entry Application

Following the exact same drum preparation instructions as above, with the temperature above 40°F(5°C), pour at least 35 gallons of **Fusion** into a clean, dry, mixer drum. With engine at 1200 RPM, rotate drum in charge mode at 10 RPM for approximately 10-15 minutes. After allotted time, bring truck engine to idle and slowly discharge **Fusion** into an open barrel or container. Approximately 98% of **Fusion** will be discharged, ready to be used in next application.

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 this drying period will ruin the application.**

Remember, **Fusion** cannot be applied if the temperature of the drum is below 40°F(5°C). During cold months, trucks must be parked inside to allow the drum to heat up, receive the **Fusion** application and be allowed to dry.

Re-apply every 2,000 yards of delivered concrete or as needed.

