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## **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 CTI 0800 727 333.

**CTI 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 0°C (32°F). Fusion should only be applied if the temperature of the drum is above 5°C (40°F). 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 5°C, (40°F) 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 5°C (40°F). 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 1500metres of delivered concrete or as needed.