

Water Truck Application Protocols EarthBind™

The following are the application protocols for the water truck:

- Pre water the areas to be treated to reduce the powder and allow for the water on the surface to dry before applying the Earthbind™-100. Do not apply on wet surface or a dry powder surface.
- Fill the 4000 gallon water truck to the 75% level, then add 1-330 gallon tote. Then fill the water truck to the fill mark slowly so you do not have foaming at the top.
- Apply the EarthBind™ to the surface, and as soon as it begins to run off speed up until the surface is saturated just prior to run off. Generally we find that 4-5 mph is a good speed. Check all nozzles occasionally to be sure none are plugged. Use rubber gloves when cleaning nozzles. This is a non haz-mat product and **will not** harm workers, see attached MSDS.
- Be sure the throttle speed is constant if the truck has a PTO pump since the increase or decrease in speed throttle will affect the pressure and coverage. We recommend installing a manual throttle control to the cab that can be set to the desired speed, if the truck has a PTO, which most have. A good operator can keep the pressure/throttle constant if not, install the manual control.
- You will be spraying a 12' wide area, so on the 24' wide roads, I suggest the first pass is staying close to one side or the other so the second pass will fit into the 24' wide roads. On the narrower roads simply make a center pass. You can also plug the outside nozzles if you find a narrow pass is required.
- I would like to see the loaders/traffic stay off for an hour before entering so it has a chance to dry into the surface. If the tires pick up the material then wait until it does not.
- Touch up the areas that have the most traffic such as tight turns, etc. as needed.
- You can re-activate the EarthBind™-100 with water occasionally to conserve the EarthBind™-100 to be used as needed when re-application may be needed.
- You have a 2" Female Adapter/camlock fitting, a schedule 80 nipple and a 90 degree threaded elbow which will turn the flow down into the water truck when loading the truck with product.
- Remove top screw on cap before opening bottom ball valve to keep the tote from collapsing when draining into truck.
- Set spray bar height to 10-12" above road surface.
- Ideally two passes a few days apart will apply the needed material to hold the dust down, start with one pass and see how it works for you.
- Be proactive with you applications, stay ahead of the dust re occurring.