



Dominion Sure Seal ELELEPHANT HIDE Instructions for Application

Code 100111 / Stock BEH

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE ATTEMPTING TO USE THIS PRODUCT!

Preparation:

1. Prepare the surface to be coated by first washing the dirt and debris from the truck.
 2. Wipe off any grease, oils or waxes that may be on the surface with Dominion Sure Seal Sure Solv (Stock BSS/SUS) or a high quality wax and grease remover.
 3. Sand the surface to be coated with 80 to 120 grit sandpaper or Dominion Sure Seal Cup Brush (Stock TNBC). Blow out the sanding residue with a blow gun and re-clean with Dominion Sure Seal Sure Solv (BSS/SUS) or a high quality wax and grease remover.
 4. Treat any rust areas with one of Dominion Sure Seal's Rust Converters and follow the recommended procedures for either priming or top coating over the rust converter.
 5. Areas of bare metal must be primed with either Dominion Sure Seal's Heavy Duty Adhesion Promoter (BLAP quarts, BLAPG gallons) or a direct to metal (DTM) primer prior to applying **Elephant Hide**. Follow the primer's recommendations for top coating.
- * Use proper safety equipment during sanding and also priming. Safety glasses, gloves and proper dust mask or respirator is required.**

Masking:

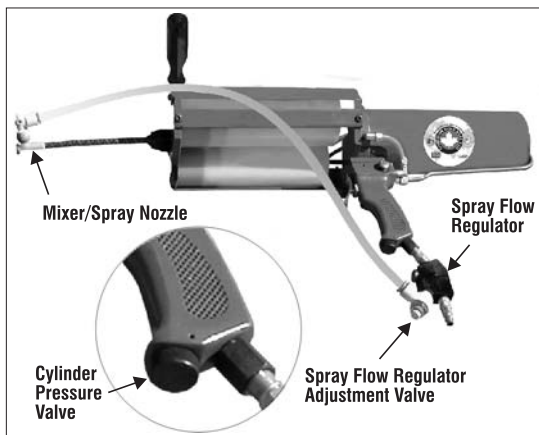
1. Mask the surrounding area to be coated by first outlining the area to be coated with wire tape (WBWT or WBFT). The wire side of the tape **MUST** be toward the side of where the liner is being sprayed. This is needed to cut through the edge of the liner to provide a nice clean edge.
2. Attach 3/4 inch to 2 inch masking tape to the center of the wire tape.
3. Cover the entire vehicle with either quality plastic sheeting (plastic car cover) or quality masking materials. If plastic sheeting is used cut out the area to be coated and tape the edge of the remaining plastic to the masking tape that is already taped to the wire tape. The only area left uncovered is the area you want coated.

Gun Assembly:

1. Attach the spray flow regulator at the air inlet on the bottom of the handle of the dispensing gun.
2. Attach a diaphragm regulator to the air inlet on the spray flow regulator.
3. Push the red button on the spray flow regulator to turn off the air going to the mixing/spray nozzle. Attach your air hose to your diaphragm regulator and set your air pressure to a minimum 85-100 psi. If you are spraying **Elephant Hide** in a cold environment 65°F (18°C) or cooler you may need 5-10 psi more air pressure set at your diaphragm regulator. If the air pressure going into the gun is set too low and/or your cylinder pressure is set too low (piston speed too slow), this can cause **Elephant Hide** to cure in the mixing tip while spraying or possibly cause cross-contamination to occur at the head of the cartridge plugging the cartridge while spraying.
4. Tighten the air cylinder pressure valve then loosen it 1 3/4 to 2 complete 360 degree turns. This will set the piston speed to dispense **Elephant Hide**. To be sure you set the cylinder pressure properly, with the air hose attached, tighten the cylinder pressure valve (turn off) and pull the trigger on the dispensing gun. The pistons should NOT move. This will ensure that you have closed the valve instead of opening it. Now loosen and open the cylinder pressure valve 1 3/4 to 2 complete 360 degree turns. This will open the valve and you will notice the pistons will now move forward. You can adjust your cylinder pressure while spraying to provide more material if needed for a wetter heavier build. You are now ready for the cartridge assembly.

Cartridge Assembly:

1. Remove the A and B black plugs on the top of the cartridge. Visually inspect the openings on the part A and part B side to ensure there are no obstructions in the openings. Remove any obstructions before proceeding.
2. Set the cartridge upright and set the orifice restrictor over the openings.
3. Remove the spray nozzle from the mixer.
4. Attach the mixer to the cartridge and tighten the retaining nut using pliers. Tighten leaving 1-2 threads visible on the cartridge. Look at the orifice restrictor carefully after tightening the retaining nut. If the orifice restrictor has turned you **MUST SLIGHTLY TURN THE RETAINING NUT BACK UNTIL THE ORIFICE RESTRICTOR IS PARALLEL (SPLITTING) THE TWO CARTRIDGES AS ORIGINALLY INSTALLED.** This is very important to keep the cartridge from leaking and keeping a clear path for the materials to flow through the orifice restrictor. This **MUST** be tight. Be careful if you over tighten the retaining nut you can break the retaining nut, strip the threads, or turn the orifice restrictor blocking your fluid delivery holes.
5. Place the spray nozzle back onto the end of the mixer. Check the mixing/spray nozzle to make sure the mixing tip is in the center of the spray nozzle and that the tip is flush with the mixing/spray nozzle. If the mixer tip is not even or flush with the end of the mixer/spray nozzle, the nozzle can prematurely clog and not spray correctly.



Final Assembly:

1. Pick up your **Elephant Hide** dispensing gun and set your atomizing air pressure at the spray flow regulator adjustment valve. The red button is to turn your air off and the green is to turn your air on to the mixer/spray nozzle. Tighten the adjustment valve. Press the green button on the spray flow regulator. This will turn the air on to the air line that will attach to the spray nozzle. You should hear no air coming from that air line. Now open the adjustment valve 4 to 4 1/2 complete 360 degree turns. This will set your starting air atomizing pressure for spraying **Elephant Hide**.
2. With your atomizing air on (green button pressed on the spray flow regulator) set your piston direction to forward and pull the trigger on the dispensing gun. Your piston will now move forward. With the atomizing air on and your pistons moving, set your **FINAL SETTING ON YOUR DIAPHRAM REGULATOR TO 80-85 PSI AT 72° F. (22° C.)**. It is imperative that the air is on and your pistons are moving for your final inlet air pressure. Now with your air pressure set, reverse your pistons and proceed. The forward and reverse piston direction button is located on the upper portion of the handle.
3. Insert your prepared cartridge into your **Elephant Hide** gun. Keep the gun pointed upward. Be careful not to tilt the gun to far back, the cart will fall out.
4. With the cartridge in the dispensing gun, attach the hose end elbow from the spray flow regulator to the end of the mixing/spray nozzle. Make sure to push the elbow all the way on to lock into place.
5. We are now ready to purge the cartridge and begin spraying. ***You must have an open container or empty cardboard box for use when purging the product prior to starting your application and immediately after finishing your spraying. If you don't finish the purge container you may get wet (uncured) spots.**
6. Push the green button on the spray flow regulator. This will turn your air flow on to the spray nozzle. Point the spray nozzle into a waste area (purge box), pull the trigger on the dispensing gun and purge the product into the purge box. Make sure to spray at least one mixer length (2-3 seconds) of material and that the color is even when purging. You will want to **ALWAYS START AND STOP IN THE PURGE BOX.**
5. *****IMPORTANT ***** Once you pull the trigger and purge your **Elephant Hide** cartridge **DO NOT STOP SPRAYING UNTIL YOU FINISH THE JOB OR THE CARTRIDGE. If you stop to walk into the truck you may need to replace the mixer and you MUST re-purge the cartridge. THIS IS CRITICAL. If you do not re-purge after stopping spraying you may get areas on the liner that do not dry. If you stop spraying you should keep the cartridge pointing downward to prevent any cross-contamination from occurring in either side of the cartridge. This can cause a plug inside the cartridge and make the cartridge unusable.**

Spraying:

1. Start spraying in a steady sweeping motion on one of the side walls of the truck box and work your way to the back wall and down the other side to the tail gate. Apply one even coat to cover. If a second coat is needed to cover or to achieve a desired texture you can immediately back up and apply a lighter coverage/texture coat. Then finish the floor in a continuous motion ending at the attached tailgate. If extra material is available spray evenly, after purging, onto the entire floor of the bed to add that finishing touch. You can adjust your texture after spraying down your wet coat, by turning down your air pressure to the mixing/spray nozzle for a wetter flatter look or by increasing your air pressure at the mixing/spray nozzle for a finer textured look. If trying to achieve a finish similar to the OEM, a high pressure (to the mixing/spray nozzle) dust coat upon completion is needed to achieve the proper texture. You can change your texture by adjusting the pressure to the mixing/spray nozzle - high pressure, finer texture, and low pressure, wetter flatter texture. Your piston speed (cylinder pressure) determines the amount of product that is being delivered. Lower piston speed more product, slower piston speed less product. The last determining factor is your gun distance. **Warning:** using higher air pressure will cause overspray. Cover surrounding areas not to be covered with **Elephant Hide**.

***If you need further instructions please contact your Dominion Sure Seal Representative prior to application.**

2. Enviro Liner will be tack free in about 10 to 15 minutes at 72°F (22°C). If you would like to apply an additional coat to achieve a thicker coating, this **MUST** be done immediately or within 1 hour from completing the spraying of the previous coat at 72°F (22°C). If the temperature is 100°F (38°C) and you wish to apply an additional coat, you must apply the additional coat within 20-30 minutes from completing your previous coat.
3. If you wait longer than the recommended times you must clean, sand, re-clean then apply any additional coats.
4. Remove any overspray immediately while **Elephant Hide** is still uncured with our Dominion Sure Seal Sure Solv (BSS or SUS).

Dry Time and Un-tape:

1. **Elephant Hide** will be tack free in about 10 to 15 minutes at 72°F (22°C).
2. Allow **Elephant Hide** to dry for a minimum of 30-45 minutes after becoming tack free, before un-taping for best results. The wire from the wire tape will cut a cleaner edge if the material is allowed to harden prior to pulling your wire and un-taping.
3. Start un-taping by separating the wire from the wire tape. This will cut a clean edge at the edge of the bedliner. Needle nose pliers are recommended for pulling the wire.
4. Remove all plastic and masking paper.
5. The vehicle should now be ready for delivery. If delivering the truck in temperatures below 60-65°F (15-18°C) we recommend applying heat to the liner prior to delivering. Bake booth or heat lamps will work. The liner needs to cure for a minimum of 24 - 48 hours at 72°F (22°C) (constant temperature) for **Elephant Hide** to achieve any bonding strength to the surface.
6. Avoid exposure to water for 24 - 36 hours at 72°F (22°C).
7. **Elephant Hide** can be accelerated with heat to shorten the "back in use" time.

Elephant Hide is touch dry within 10-15 minutes and ready to deliver within 45-60 minutes after becoming touch dry. Please allow Elephant Hide a minimum 72 hours prior to returning vehicle back to "light use". Back in use times can be shortened with heat.

*** Use proper safety equipment when working with and spraying Elephant Hide. Safety glasses, gloves and a minimum of a dust mask is required.**

**COMPLETE INSTRUCTIONAL CD AVAILABLE!
SEND \$3.00 TO COVER POSTAGE.**

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