

Dust Armour®

- Ideal for use with a variety of mulches
- Creates a crust-like barrier to control wind erosion and minimize dust
- Requires only the normal surface preparation
- Controlled set and working times
- Economical

Description DUST ARMOUR® geobinder dust control is a gypsum plaster and liquid hydration inhibitor system that, when mixed with wood fiber mulch or a natural cellulose and water, forms a cementitious binder that produces a crust-like barrier to control dust and wind erosion.

Mixing The mix shall consist of water, No-Go™ hydration inhibitor, DUST ARMOUR geobinder dust control and cellulose, or wood fiber. The mulch shall be of the non-tackified variety. The proportions per acre are as follows:

1. Add water to HydroSeeder® machine (see Mix Ratios below).
2. Add pre-measured No-Go hydration inhibitor. **Do not use DUST ARMOUR geobinder dust control without No-Go hydration inhibitor.**
3. Start agitation and add mulch.
4. Continue mixing and add DUST ARMOUR geobinder dust control with agitation on.
5. Once ingredients are thoroughly mixed, begin application of DUST ARMOUR geobinder dust control.
6. Continue high-speed agitation as long as material is in the HydroSeeder machine.
7. Empty contents of tank if left over 3 hours.
8. Flush out HydroSeeder machine with water.

Mix Ratios*	
No-Go Hydration Inhibitor	3 ounces
Water	100 gallons
Mulch Fibers	17 pounds
DUST ARMOUR	100-138 pounds

* Yield at this ratio is 0.035 acres. 3,000 pounds of DUST ARMOUR geobinder dust control combined with the correct ratio of water, No-Go hydration inhibitor and mulch will yield coverage sufficient for one acre.

Application Upon completion of mixing, the mixture shall be sprayed uniformly over the areas shown on the plans or where directed by the engineer. When possible, the material should be sprayed from the top of the slope to provide more uniform coverage. The equipment used to apply the mixture shall be equipped to eject the mixture at a uniform rate to provide coverage specified above. The mixture shall be placed at least 18 inches beyond the top and toe of both crust and fill slopes and toe of fill slopes, unless otherwise directed by the engineer. Certain soil types and anticipated heavy rainfalls may require re-application or greater amount of plaster in the mix or heavier initial spray coverage to ensure maximum dust control.

Equipment Equipment shall be of the type described as a "HydroSeeder/Hydromulcher" machine. Tanks shall be clean; mixing action shall be adequate to provide for full dispersion of materials. Hoses can be used to extend range of spraying. The top and sides of the machine may be pre-coated with vegetable oil to ensure easy clean-up. To prevent set-up and excess cleaning, all equipment must be flushed within 3 hours after mixing of plaster. All equipment including the sump and drain line shall be thoroughly flushed and cleaned between mixes.

Clean up Clean all tools and equipment with soap and water immediately after use.

Storage Shelf life is one year from date of manufacture in the original unopened container. Unused material should be kept in a closed container and protected from moisture and other contaminants.

Product Information

See usg-erosioncontrol.com for the most up-to-date product information.

WARNING!

When mixed with water, this material hardens and then slowly becomes hot—sometimes quickly. DO NOT attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions can cause severe burns that may require surgical removal of affected tissue or amputation of limb. Dust may require cause skin, eye, nose, throat, or respiratory irritation. Avoid dust inhalation and exposure to dust. If dusty, wear an

NIOSH/MSHA-approved dust respirator. Use proper ventilation to reduce dust exposure. Portland cement is strongly alkaline and can be corrosive to eyes, skin, and respiratory tract. Wear eye and skin protection. If eye contact occurs immediately flush thoroughly with water for 15 minutes and get medical attention. Do not ingest. If ingested and any discomfort occurs, call physician. Product safety information: (800) 507-8899 or www.usg.com
KEEP OUT OF REACH OF CHILDREN.

Trademarks

The following trademark used herein is owned by United States Gypsum Company or a related company: DUST ARMOUR, No-Go, USG. HydroSeeder is a registered trademark of the Finn Corporation.

Notice

We shall not be liable for incidental or consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instruction or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

Safety First!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.

