

INSTRUCTIONS FOR USING DUST-SEAL

DUST-SEAL IS EASY TO USE. There are no special requirements for equipment or handling procedures. This product is simply mixed with water and dispersed into the soil in quantities that are sufficient to control major soil problems such as soil erosion, dust pollution and upper level base failure. When properly applied, Dust-Seal will quickly dry into a hardened membrane and, unlike competitive products, it will not re-disperse when exposed moisture.

SOIL CONDITIONS FOR USING DUST-SEAL. All soil types are suitable for Dust-Seal. However, due to fluctuating absorption rates associated with different soils, the amount of required Dust-Seal may vary from one application to another.

Base Preparation. There is little or no requirement for extensive base preparation or scarification. If the lower base of the area of coverage is relatively stable, then Dust-Seal can easily be applied to the surface to achieve moisture resistance and elimination of dust. An ideal soil condition consists of loose, dusty soil on the surface, but otherwise is relatively stable in the lower base. If the base is rutted and "washboarded", then some surface blading may be required to produce a smoother surface prior to applying Dust-Seal. When properly used, Dust-Seal will tightly bring loose soil and aggregate into a hardened surface which will remain stable, dust free and moisture resistant.

Base Reconstruction. If base reconstruction is required, it is important to note that the base must be compacted and cured prior to using Dust-Seal. (Contact your local Dust-Seal representative for information on base stabilization products.) If the base is not compacted, or if it remains in a "fluffed" condition, then Dust-Seal may be absorbed too deeply into the lower base thereby leaving too little concentration for upper base hardening.

EQUIPMENT. All that is needed for proper application of Dust-Seal is a water truck or, if available, an applicator. A rubber-tire compactor would be useful for acceleration of compaction, but if not available, sufficient compaction will eventually be produced by routine traffic. Equipment should always be thoroughly rinsed after using Dust-Seal.

DILUTION and APPLICATION. Dust-Seal can be used in any concentration that yields satisfactory results to the user. It is important to remember that some soils are more absorptive than others and more product may be required for adequate treatment. As a minimum, Dust-Seal should be diluted with water at a ratio of approximately **1 part Dust-Seal to 7 parts water**, and should be applied to the soil with approximately **one-half gallon of water per square yard** (or **2.26 liters of water per square meter**). (See chart below for easy computation.) The mixture of Dust-Seal and water should be divided into two applications.

The **first application** will penetrate from 1 to 3 inches into the soil and will serve as a primer for the second application which will settle closer to the surface. The first application should be completely distributed throughout the area of coverage, and allowed to soak thoroughly into the soil for at least one hour prior to initiation of the second application. All of the soil must be completely covered with Dust-Seal, even to the extent that an extra pass during the first application may be required over the area of coverage.

The **second application** which is the sealing application, will soak into the soil at a much slower rate and will bind the first application. Most of the product will be concentrated near the surface and will form a hardened membrane which will trap dust and aggregate and will resist the invasion of moisture, and if used in sufficient concentrations, it can ultimately be transformed into a flexible liner. Contact your Dust-Seal representative for more information on special uses with Dust-Seal.

HOW MUCH DUST-SEAL DO YOU NEED?

USA:	X .5 =	divided by 7 =	divided by 55 =
Total Square Yards	Total Gallons Water	Total Gallons Dust-Seal	Total Drums Dust-Seal
METRIC:	X 2.26 =	divided by 7 =	divided by 208 =
Total Square Meters	Total Liters Water	Total Liters Dust-Seal	Total Drums Dust-Seal

For more information on better ways to control your soil, contact your local Dust-Seal Representative:

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Special Notes:

- (1) The above computations are for estimation purposes only. Actual product requirements may vary with different soil types and absorption rates.
- (2) JMN Specialties, Inc. warrants that Dust-Seal contains the necessary elements as defined in Dust-Seal specifications.