

DustShield

Chemical Dust Suppressant Agent

DUSTSHIELD

Product Description

DustShield is a concentrate liquid copolymer that when diluted in water and applied bonds soil particles together to resist dust and erosion. DustShield is colorless when dry and is non-toxic to plant and animal life.

Topical Application Recommendations

Traffic Areas

1. Shape to line and grade allowing for positive drainage.
2. Compact the area to be treated to a minimum 95% (ASTM D698 D 1557 modified Proctor Density).
3. Apply **DustShield** (See chart below). Spray in four (4) separate coats. Each consecutive coat needs to be applied in a timely manner to ensure that the surface always remains wet between sprays with the **DustShield** solution. It is important not to let application solution to dry between application coats. Failure to do so will result in an under-performance causing "Skinning" rather than a penetrating layer. Spraying of each application should be uniform and at a rate to prevent solution from running off the area to be treated.
4. Pre-wetting area to be treated with water (100 sf/gal) prior to application of **DustShield** will help relieve surface tension allowing for improved penetration.
5. Cure time is approximately 24-48 hours @ 70 degree F.

Note: Prior to application, area to be treated is required to be entirely free from water (with exception of pre-wetting) and must also be free from rain or nuisance water for a minimum of 72 hours following application.

Non-Traffic Areas

1. Apply **DustShield** (See chart below). Spraying should be applied evenly and uniformly to ensure penetration.
2. Pre-wetting area to be treated with water (100 sf/gal) prior to application of **DustShield** will help relieve surface tension allowing for better penetration.
3. Cure time is approximately 24-48 hours @ 70 degree F.

Topical Application Rate Chart

Application	Coverage sf/gal	Mixing Ratio %	Gallons DustShield	Gallons Water	Consecutive Coats
Traffic Areas					
Unpaved Roads (Light Traffic)	60	1 : 6	1	6	4
Unpaved Roads (Moderate to Heavy Traffic)	45	1 : 5	1	5	4
Parking Lots	55	1 : 6	1	6	4
Non-Traffic Areas					
Slope Protection (Steep)	90	1 : 4	1	4	2
Slope Protection (Moderate)	160	1 : 6	1	6	2
Stock Pile Capping (Steep)	200	1 : 7	1	7	1
Stock Pile Capping (Moderate)	280	1 : 8	1	8	1
Dust Control (30 days)	1,100	1 : 30	1	30	1
Dust Control (60-90 days)	550	1 : 20	1	20	1
Dust Control (180 days)	350	1 : 12	1	12	1

EROSION CONTROL AND STABILIZATION PRODUCTS

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