

PRODUCT SPECIFICATIONS

Nilex TAK300 - Powdered Soil Stabilizer

| PROPERTY | UNIT | VALUE |
|----------------------------|----------|-------------|
| Physical Properties | | |
| Appearance | — | Grey Powder |
| pH @ 25 °C | pH | 7 - 8 |
| Odour | — | Odorless |
| Functional Longevity | months | 3 |
| Shelf Life | years | 5 |
| Packaging | | |
| Bag | kg (lbs) | 11.34 (25) |

Technical Information

Nilex TAK300 is a low cost, effective organic poly saccharide tackifier used for a variety of hydro-seeding and soil stabilization applications. Nilex TAK300 is manufactured from a naturally-occurring polymer, making it ideal for wildlife habitats and waterway applications.

Typical Viscosity

10 grams (0.35 ounces) Nilex TAK300 into 500 ml (17.6 fluid ounces) of water using Fann 35A:

| | | | |
|--------------|--------------|---------|----------|
| 600 RPM – 35 | 300 RPM – 21 | PV – 14 | YP – 3.5 |
|--------------|--------------|---------|----------|

Binding Agent

Nilex TAK300 shows excellent performance in binding seed and fiber particles preventing losses to wind, water and sloped terrain. Additionally, the use of Nilex TAK300 improves the performance of the hydro-seeding application by uniformly applying seed/fiber mixture, while holding it effectively in place.

Mixing

Nilex TAK300 is added in conventional hydroseeding tank mixers through standard mixing procedures*. Nilex TAK300 has the ability to hydrolyze quickly providing excellent water absorption and retention. Depending on the grade of slope, wind conditions and moisture, it can be added at various rates (40 - 140 kg/ha or 36 – 125 lbs/acre). This non- toxic product is not susceptible to corrosion, enabling for easy clean-up.

**Fill tank with water to the bottom of agitator. Start agitator at full RPM. Add Nilex TAK300 while continuing to add water to tank. Add seed, fiber mulch and fertilizer.*

TAK300 Application Rates

Mix TAK300 with a high quality hydromulch that does not already contain tackifier, such as MulchMax 101wood. Higher performance pre-mixed hydromulches such as MulchMax 200**, MulchMax HP & MulchMax Ultra, are recommended for slopes 3:1 and greater. TAK300 is a biodegradable tackifier; longevity is governed by soil and climatic conditions.

*** MulchMax 200 is the preferred base for TAK300; performance increases with quantity of MulchMax 200.*

| Slope Gradient | Tackifier Rate – kg/Ha | Tackifier Rate – lbs/acre |
|---------------------------------|------------------------|---------------------------|
| < 4:1 slopes & basic re-seeding | 30 - 60 | 25 - 50 |
| 4:1-3:1 slopes | 60 - 85 | 50 – 75 |
| Dust Control, non-traffic areas | 110 - 170 | 100 – 150 |

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