HydraMax™ Hydraulic Erosion Control Products

HydraMax™ Hydraulic Erosion Control Products (HECPs) include high-performance products like the HydraCX™ Extreme Slope Matrix and HydraCM™ Steep Slope Matrix. The HydraCX provides exceptional protection on construction-side slopes with up to 0.5:1 (H:V) gradients. In a single one-step application, dripless flat to 0.5:1 graded hydro-colloidal tackifiers keep talus loose, proven methods of controlling erosion. They have proven their effectiveness in the United States and are recognized by the American Association of State Highway and Transportation Officials (AASHTO) as National Transportation Product Evaluation Program (NTPEP) slope testing.

HydraMax Systems’ standard-performance HECPs include HydraGT™ Moderate Slope Matrix Blend and HydraGS™ Mild Slope Matrix Blend, formerly known as GeoSkin® and GeoSkin®XT. These HECPs offer one-step application and are designed for vegetation establishment on small to moderate slopes. They are excellent alternatives to loose straw and ready-enhanced hydromulches, which may take two or three steps to apply with seed and fertilizer.

North American Green® HydraMax Systems

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HECPs provide exceptional protection on construction site slopes with up to 0.5:1 (H:V) gradients in a simple one-step application.

Installation and Application Guidelines

**SUBSTRATE AND SEEDED PREPARATION**

1. Drain and level out the site and then plant with the required substrate.

2. Make sure all earth-moving equipment is off the site and the substrate has been properly spread.

3. Use a properly calibrated and maintained seeding machine with a properly calibrated and maintained spray pattern.

4. Start the seeding application at the beginning of the slope and work upward toward the top.

5. Apply the seed and fertilizer to the substrate using approved application equipment.

6. After the seeding application is complete, water the substrate to begin the growth process.

7. After the seeding application is complete, ensure proper drainage and prevent erosion.

8. Continue to monitor the slope and apply additional HECP as needed.

**APPLICATION**

1. Mix the HYDRA-MAX HECPs with water in a ratio of 1:10 to 1:5 (gallons to pounds).

2. Apply the mixture to the slope using a satisfactorily calibrated and maintained seeding machine.

3. Apply the mixture to the slope using a satisfactorily calibrated and maintained spray pattern.

4. After the seeding application is complete, water the substrate to begin the growth process.

5. After the seeding application is complete, ensure proper drainage and prevent erosion.

6. Continue to monitor the slope and apply additional HECP as needed.

**CLEANING AND PROTECTION**

1. Clear any obstacles that may prevent the seeding machine from reaching the slope.

2. Apply the seed and fertilizer to the substrate using approved application equipment.

3. After the seeding application is complete, water the substrate to begin the growth process.

4. After the seeding application is complete, ensure proper drainage and prevent erosion.

5. Continue to monitor the slope and apply additional HECP as needed.