



A **tensar** Company



Installation and Application Guide

SUBSTRATE AND SEEDBED PREPARATIONS

1. Examine substrates and conditions where materials will be applied. Apply product to geotechnically stable slopes.

INSTALLATION

Strictly comply with manufacturer's installation instructions and recommendations. For optimum pumping and application performance use approved mechanically agitated, hydraulic seeding/mulching machines. Apply HydraCX² from opposing directions to achieve maximum soil coverage.

MIXING

1. Fill tank of a mechanically agitated hydroseeding machine with sufficient water to suspend seed and fertilizers
2. Add all soil amendments (seed, fertilizer, etc)
3. Continue adding water slowly while adding the HydraCX² at a steady rate.
4. Consult application and loading charts to determine the proper application rates. Mix at a rate of 50 lbs of HydraCX² per 100 gallons of water. Confirm loading rates with equipment manufacturer.
5. All FRM should be loaded when the tank is approximately ¾ full.
6. Agitate for a minimum of ten minutes after adding the last amount of FRM.

APPLICATION

1. Apply the HydraCX² from opposing direction to soil surface to ensure complete coverage of all irregular soil surfaces. Irregular surfaces may need slightly higher application rates to obtain adequate coverage.
2. Apply materials at the following minimum application rate:

Condition	Rate (English)	Rate (SI)
Less than 3:1	3000 lbs/ac	3400 kg/ha
3:1 – 2:1	3500 lbs/ac	3900 kg/ha
2:1 – 1:1	4000 lbs/ac	4500 kg/ha
1:1 or greater	4500 lbs/ac	5100 kg/ha

3. Material should not be applied in channels, swales, or other areas where concentrated flows are anticipated, unless installed in conjunction with a temporary erosion control blanket or permanent turf reinforcement mat.

CLEANING AND PROTECTION

Clean equipment properly after use of this product. Clean spills promptly. Do not allow foot traffic or grazing on treated areas until vegetated. Be cautious of slippery surfaces while applying.

Warning: Do not store near an open flame or heat source. Use caution when stacking units.



HYDRACX²

COTTON FIBER REINFORCED MATRIX

Helpful Hints for Use of High Performance Hydromulches

- HydraCX² is most easily introduced to the slurry by cutting the lower portion of the bag on 3 of the 4 sides, thus leaving the bottom portion of the bag attached. Next, make a slit in the upper portion of the bag to create an air hole, allowing the HydraCX² to drop into the tank for instant agitation.
- Avoid dropping the bag, a piece of the bag, or any foreign objects into the slurry. If this should happen, is imperative to stop the machine before the object reaches the pump.
- Agitate HydraCX² for a minimum of ten minutes then reduce the paddle speed to a slow roll to prevent cavitations.
- Maintain paddle speed during the application process.
- Avoid blasting the soil's surface during application by utilizing the appropriate nozzle. For short distance applications use a fan-tip nozzle. Using a long distance nozzle at close range could significantly alter the soil's surface.
- All hydroseeders have a bypass valve that increases/decreases the amount of pressure within the lines. Most erosion control professionals choose not to use the bypass valve due to its sensitivity. Instead, the pressure is adjusted by fluctuating RPMs of the motor accordingly.
- After applying the mulch in opposing directions, it is beneficial to spray the mulch upward in a lofting manner to produce a cap for the mulch's surface.
- Even though the green dye in HydraCX² is UV sensitive, allowing the green color to bleach out after approximately seven days, avoid spraying houses, mailboxes, cars, and other object directly with the HydraCX².
- Lubricate the pump and hoses at the beginning of an application by leaving the nozzle off and pumping a modest amount of mulch through the hoses. The lubrication process assists in preventing hose clogs caused by dewatering.