

# Straw Wattles

9-inch & 12-inch Diameters



A *tensar* Company

**EROSION CONTROL** Products • *Guaranteed* **SOLUTIONS**

## WS925/WS1210 STRAW WATTLES

North American Green straw wattles are an effective and economical alternative to silt fence and straw bales for sediment control and storm water runoff.

Cylinders of recycled, compressed, 100% agricultural straw, straw wattles are wrapped in tubular, UV-stabilized black synthetic netting.

Straw wattles can be placed and staked along the contour of newly constructed or disturbed slopes. Their use to capture and retain sediment is an EPA-recognized best management practice (BMP).

Fertile topsoil, organic matter, and native seeds are trapped behind straw wattles and provide a stable medium for germination. Straw Wattles also retain moisture from rainfall, aiding the growth of tree seedlings planted to their up-slope side.

North American Green straw wattles WS925 (9" x 25") and WS1210 (12" x 10") are installed by staking in place utilizing North American Green's 24-inch Eco-Stakes™ and can be used individually or tied together to achieve any desired length.



## ADVANTAGES OF NORTH AMERICAN GREEN STRAW WATTLES

- Increased weight per linear foot for less resistance to movement from wind, water, and sediment load
- Low-cost solution to sheet and rill erosion problems
- Replaces silt fence or straw bales on steep slopes
- Lasts up to two years
- Stores moisture for vegetation planted immediately up-slope
- The straw incorporates into the soil over time, adding organic material to the soil and retaining moisture for vegetation
- Can be staked with fascines to stabilize low-velocity stream banks and establish wetland plants

# Straw Wattles

9-inch & 12-inch Diameters



A *tensar* Company

**EROSION CONTROL** Products • *Guaranteed* **SOLUTIONS**

## APPLICATIONS FOR STRAW WATTLES

### NORTH AMERICAN GREEN STRAW WATTLES CAN BE USED AS A BEST MANAGEMENT PRACTICE TO...

- ✓ **CONTROL STORMWATER RUNOFF**  
Diverts flow and directs stormwater to treatment areas.
- ✓ **PREVENT OFF-SITE SEDIMENTATION AT ACTIVE CONSTRUCTION SITES**  
Keeps soil on-site and prevents it from washing onto pavement and asphalt; an economical and effective perimeter control alternative to silt fence and straw bales.
- ✓ **PROTECT AGAINST SLOPE EROSION**  
Straw wattles work to reduce the erosive effects of slope length and steepness; the product is even more effective when installed in combination with North American Green hydraulic or rolled erosion control products.
- ✓ **CAPTURE INLET SEDIMENTATION**  
When wrapped around storm drain inlets, protects area drains and storm drain inlets from fast water flow and sediment.
- ✓ **WORK AS A CHECK DAM**  
Prevents sheet erosion and rill and gully development on slopes and in swales and grassy waterways; in combination with a North American Green rolled erosion control blanket or turf reinforcement mat, straw wattles slow water velocity, settle out sediment, and prevent undermining of channel lining materials. Straw wattles also trap soil material that would otherwise be moved down-slope by freeze and thaw processes.
- ✓ **PROMOTE STABILIZATION AND REVEGETATION OF STREAM BANKS AND SHORELINES**  
Straw wattles prevent sediment pollution of streams and is an excellent complementary component for soil bioengineering projects.
- ✓ **PROVIDE SOIL STABILIZATION FOR FOREST FIRE REHABILITATION**  
Straw wattles slow the velocity of rain runoff and help to prevent rill and gully slope erosion by holding bare soil in place and trapping ash and sediment.

#### ADDITIONAL APPLICATIONS:

Timber Harvester  
Vineyard Erosion Protection

Mine and Land Reclamation  
Ski Area Erosion Control

Proper installation is necessary to achieve stated product performance.

Please ask your North American Green Erosion Solutions Specialist for a copy of the installation instructions for North American Green's straw wattles, or visit our website at [www.nagreen.com](http://www.nagreen.com).

DISTRIBUTED BY:

