

Vegetating The Wall



(Patent Pending)

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Vegetation

After construction, the face of the bags are planted with native seed, plants and sod, which develop extensive root systems, growing through the bags

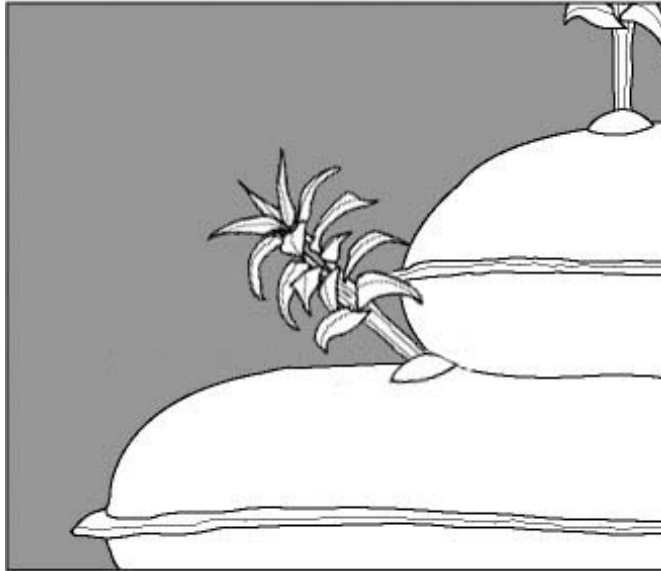


Hydroseeding

It is advisable to both hydroseed the retaining wall and to plant native plants and/or sod on the face of the wall.

If you use both methods to vegetate the structure, it is preferable to hydroseed the structure first, then add plants and sod.

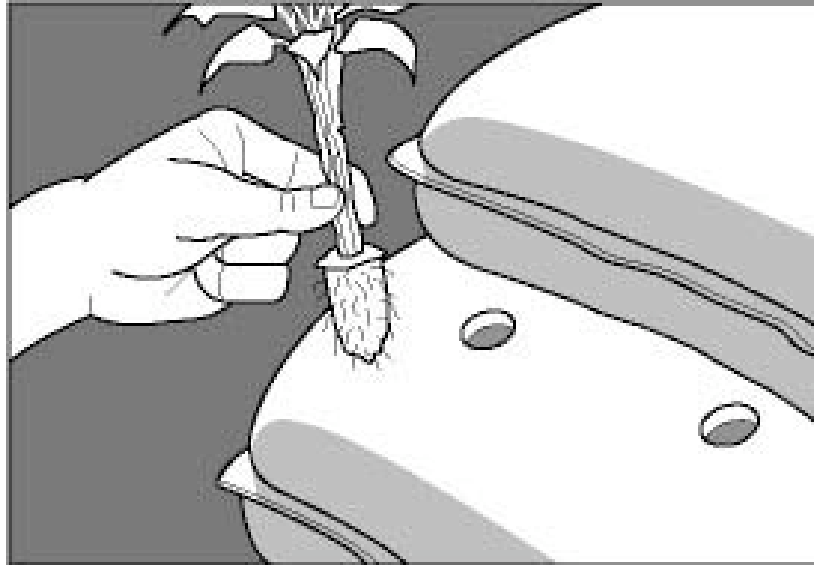
Planting through the bag



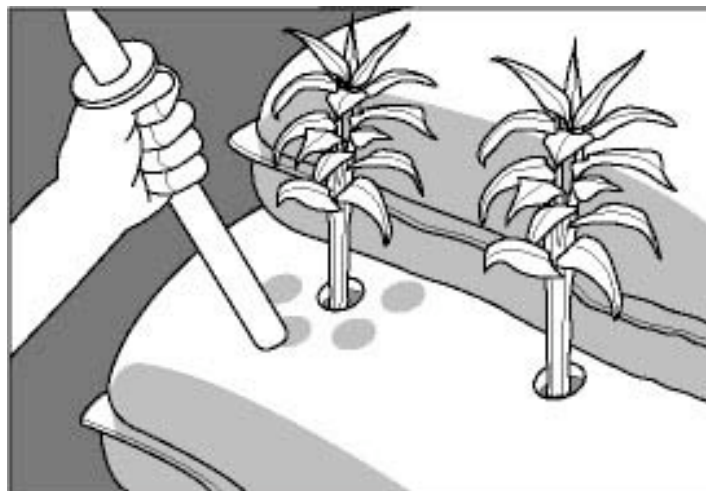
Punch a clean hole in the bag



**Insert the plant plug
into the hole**

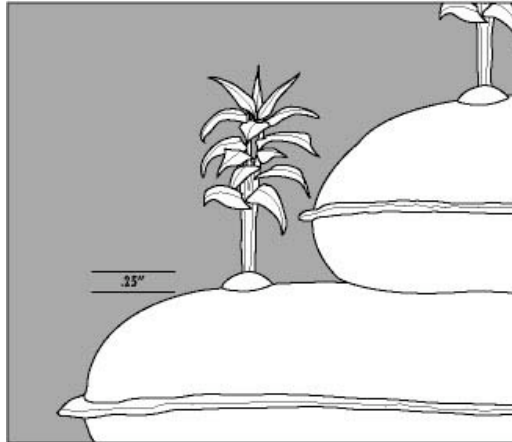


**Use flat end of the dibble to push the
edges of the bag fabric around the plug**



Bag Set-Back

The greater set-back creates additional surface for vegetation and wall stability.



The crown of the plant has .25" of exposure

Vegetate During Construction

**For: 2.5" x 2.5" x 3" or
2" grooved cone x 5" deep plant plugs**

- Hydrate plants prior to installation
- Install plants in cavity created by the intersection of three bags, two on the bottom one on top.
- Ensure that the plant has a 1/2" recess at the crown of the plant/soil.
- Tamp adequately to provide bag to soil contact eliminating air pockets around the root base of the plant.
- Water the bags thoroughly after planting and do not allow the plants to dehydrate.

Vegetating After Construction

**For: 2.5" x 2.5" x 3" or
2" grooved cone x 5" deep plant plugs**

- Hydrate plants prior to installation
- Create cavity by the intersection of three bags using the Envirolok large dibble.
- Ensure that the plant has a 1/2" recess at the crown of the plant/soil.
- Tamp exposed edge of bag adequately to provide bag to soil contact eliminating air pockets around the root ball of the plant.
- Water the bags thoroughly after planting and do not allow the plants to dehydrate.

Vegetating After Construction

For: 2" grooved cone x 5" deep plant plugs

- Hydrate plants prior to installation
- Water wall system thoroughly to ensure that the space created by the dibble remains to receive the plant root ball.
- Insert dibble to spread the bag material open, being careful not to rip or cut the material, into bag as close as possible to the bag course above to create the void for the plant root ball.
- Ensure that the plant is flush to a 1/4" recess at the crown of the plant/soil. Using handle of the dibble to eliminate air
- pockets and to massage bag hole closed.
- One or more plant plug should be used per bag.
- Water the bags thoroughly after planting and do not allow the plants to dehydrate.

Vegetating After Construction

For: 15/16" x 15/16" x 2" plugs

- Hydrate plants prior to installation
- Water wall system thoroughly to ensure that the space created by the dibble remains to receive the plant root ball.
- Insert dibble to spread the bag material open, being careful not to rip or cut the material, into bag as close as possible to the bag course above to create the void for the plant root ball.
- Ensure that the plant is flush to a 1/4" recess at the crown of the plant/soil. Using handle of the dibble to eliminate air pockets and to massage bag hole closed.
- Three or more plants should be used per bag.
- Water the bags thoroughly after planting and do not allow the plants to dehydrate.

Hydroseeding

Hydroseeding Instructions

- Hydrate bags to saturation.
- Sow or spread native seed upon the installed bags using a stream or spray of water under pressure and operated from an engineer-approved machine designed for that purpose.
- Place the selected seed mixture and water into a tank provided within the machine, in sufficient quantities that when spraying the seed on a given area it is uniformly spread at the required application rate.
- During this process, keep the contents stirred or agitated to provide uniform distribution. Spread the tank contents within 1 hour after adding the seed to the tank. The engineer will reject seed that remains mixed with the water for longer than one hour.

Hydroseeding

- Apply fiber mulch and bonding agent to installed bags using a stream or spray of water under pressure and operated from an engineer-approved machine designed for that purpose.
- Place the material and water into a tank provided within the machine, in sufficient quantities that when spraying the material on a given area it is uniformly spread at the required application rate.
- During this process, keep the contents stirred or agitated to provide uniform distribution.