

FlexMSE®

Vegetated
Wall System



Cost Effective
Eco-Friendly
100% Recycled
Encourages Biodiversity
Sustainable & Permanent
Non-Toxic
75 Year Warranty



FLEX MSE LIVING WALLS

Flex MSE is an innovative, cost effective, sustainable and permanent engineered solution for constructing living walls with retaining wall qualities.

- Flex MSE is a fully recycled product which is non-toxic, using 97% less greenhouse gas when compared to a concrete block solution.
- The bags are filled with a sand/compost mix and once installed are vegetated by hydroseeding or plug planting depending on requirement.
- Flex MSE bags are easy to handle making installation easy and requiring minimal mechanical input.
- Provides the strength of interlocking components without the need for concrete, rebar, wire mesh or other formwork.

Talk to your local East Riding Horticulture Area Manager about Flex MSE Vegetated Wall System or call our head office on 01904 608157.





How Flex MSE works

Flex MSE is a Patented engineered solution for vegetated retaining walls and erosion control.

Flex MSE Bags and Interlocking Plates are used to build naturally resilient Geomodular structures.

A unique soft building material which exhibits hard material qualities, Flex MSE is a retaining wall system that gets stronger and greener as time goes on.

FLEX MSE BAGS ARE:

- Filled with sand and organics
- An ideal 'planter block' for many types of vegetation
- Water and root permeable
- Flexible enough to create almost any contour or angle

FLEX MSE PLATES ARE:

- Made from 100% recycled material
- Designed to bridge the gap between bags to create an interlocking mechanical connection
- Engineered with friction strips greater bag to bag connection and geogrid hooks to connect to soil reinforcement

East Riding Horticulture can supply pre-filled Flex MSE bags or unfilled bags depending on client requirement. Both solutions are delivered by pallet for ease of loading/unloading.

Wide variety of applications

- Civil infrastructure
- Anywhere land meets water
Stream, River, Coastal, Reservoirs, Culverts and Canals
- Erosion protection
Lochs, reservoirs, road and railways
- Landscaping, development and garden walls
- Retaining walls and motorway walls
- Golf courses and parks
- Emergency use

Benefits

- Reduces installation times
Can be installed in up to 50% of the time that it takes to install a conventional retaining wall
- Cost effective
Generally 40-50% less cost than other systems
- Easy to construct
- Longevity
120 year design life and 75 year warranty
- Encourages Biodiversity
Owing to its ability to support a broad range of plants

