



Landtech Soils Ltd FlexMSE Suppliers

20 Kenyon Street
Nenagh, Co. Tipperary

Tel: (+353) 067 32207
Tel: (+353) 01 5242191
Email: info@landtechsoils.ie



Urban Greening Solutions

FlexMSE | What is it?

FlexMSE was developed within Canada and for the first time, it is now available in Ireland with Landtech Soils Ltd. FlexMSE utilises a geobag technology and a second generation interlocking plate to create a heavy duty material that reacts like hard building substances such as concrete. But unlike concrete, FlexMSE is better for the environment and thanks to the vegetation network it only gets harder over time.

FlexMSE | Practical Applications

Large projects on an industrial scale can take advantage of this new versatile green technology while simultaneously FlexMSE is perfect for smaller DIY projects. Private, commercial and large scale construction projects can all utilise FlexMSE for use in constructing, Living walls, Living retaining walls, creating sound barriers, for use in urban areas and in the construction of storm water management projects.

FlexMSE | Environmental

Flex MSE is an ideal system for integration into Water Sensitive Urban Design and Low Impact Development plans. Flex MSE reinforces green spaces and is 50% recycled content, repurposes excavated materials, is nontoxic and expends 3% of the Green House Gas (GHG) emissions of comparative concrete solutions. Furthermore, Flex MSE uses 97% less GHG than concrete, imagine the environmental benefits to our environment if FlexMSE was used as a replacement to concrete!

A further benefit of Flex MSE to Green Construction is that it is easy to install and has less impact on the health and welfare of the installation Team.

Benefits of FlexMSE

- Rebuilding tidal estuaries for increased coastal resilience
- Works with existing landforms and features
- Uses 97% less GHG than concrete and decreases Carbon levels over time
- Up to as many as 21 LEED credits in 4 distinct categories.
- Can be used with SuDS and Breen Projects.

FlexMSE Specifications

- Second Generation interlocking Plate is a 100% recycled, recyclable component
- Geobag and other materials are non toxic
- Organic Soil with crushed graded stone
- Available in Ireland and the UK
- Perfect for areas where water meets land