A new way to vegetate sloped roofs

The invention is growing media to accommodate roofs as steep as 45° (12/12 pitch). The modular, light-weight design makes shipping and installation easy.

Description: Individual blocks of growing media (clay, composted pine, polystyrene) fasten together to form a continuous base layer.

Features:

• Dry, light-weight and stackable blocks are easy to store, ship and install.

• Interlocking design provides maximum stability.

• Vertical water retention layers evenly distribute moisture across the entire roof.

Status: The University of Guelph is actively seeking potential licensees and/or co-development partners to improve methods of manufacture. The patent application (PCT/CA2015/050866) received a favorable international search report, was recently granted in Canada and is in national phase for the United States. The published patent can be accessed here.