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Machine install Anchor Vertica®

Acheson & Glover**3****5**

DESCRIPTION

Acheson & Glover have developed a new system for the construction of retaining walls. The machine install clamp and installation approach was developed because it was recognised that the construction of retaining walls, especially those that were large in height and being installed in narrow spaces, exposed builders to significant manual handling risks in the manipulation of blocks and often exposure to working at height risks.

The new Vertica® blocks can be quickly and efficiently moved from pallet to wall with minimal intervention – reducing build times and labour requirements and delivering a safer working environment. This is a market first for the UK & Ireland and part of a wider strategy to harness technology. Anchor Vertica® is fully compatible with on-site machine installation, and with enhanced factory-installed geosynthetic reinforcement, it not only tackles difficult installation areas such as steep, sloping hillsides, but also Anchor Vertica® blocks meet and surpass industry standards for strength and durability.

BENEFITS

- Won 'Housebuilders' Health and Safety Product of the Year 2020
- Reduced risk of manual handling injuries associated with block lifting
- Reduced need for builders to work at height
- Faster and more efficient build
- Walls can be built to almost any height
- Building possible in tighter spaces
- Reduced downtime due to weather, as no mortar required
- Reduced excavation and land loss
- Popular with housebuilders and groundworkers
- A safer working environment for all.

TRANSFERABILITY AND DEVELOPMENT

- Using technology that is unique to the UK and Ireland, the AG machine install clamp and building blocks could be widely adopted within the industry to make the construction of retaining walls a considerably safer activity.

Images of machine clamp in action