

Interlocking Retaining Wall Support Blocks

The need for aesthetically pleasing yet practically engineered retaining wall support design is important in, amongst other applications, the construction of commercial and retail business parks where cut and fill methodology is generally always required. Employees and visitors to these centres do not want to feel 'entrapped in a concrete jungle', hence the current trend is to design such environments with more 'green' and environmentally friendly technologies, creating a healthier environment within which to work or visit.

The Florawall interlocking retaining wall blocks from Technicrete is one product that offers landscapers, horticulturalists and architects an earth retaining structure giving true plantability with an aesthetic fluted face. It is simple to install and flora and deep rooted plant life can be planted in each block to create a decorative finish to this highly effective retaining structure. Florawall provides an uninhibited root and water penetration system.

The interlocking method of construction makes it ideal for any retaining wall requirement, including both Gravity and Reinforced Wall Designs.

Granular backfill should be placed behind each successive tier of blocks and a fertile mixture used to fill each unit. Angles of between 51° and 90° against the vertical can be constructed by stepping back the units as required and horizontal curves following the site plan can be formed by simply rotating the units as they are placed.

Without engineering input, Florawall can be stacked up to six layers high (1.5m), with the bottom block below ground level, provided the ground and backfill materials are suitable with no additional loads applied at the top of the embankment. When a higher wall is required, local bylaws and Engineering Codes must be adhered to and advice from site engineers and/or Technicrete's technical support team should be sought.

The interlocking blocks can be supplied in a length/width/height of 300mm x 410mm x 250mm configuration, whilst the non-interlocking option can be supplied in a 410mm x 355mm x 250mm sizing. Both are available in autumn blend and grey colouring.

Technicrete ISG is part of the Infrastructure Specialist Group which also comprises Rocla and Ocon Brick.