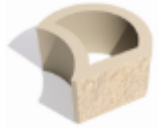


What is Terraforce?



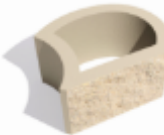
TERRAFORCE is an award-winning South African company that developed a range of interlocking concrete blocks for **earth retaining walls and erosion control**.



land reclamation ★ erosion control ★ seashore protection ★ river and stream erosion control ★ garden landscaping ★ cut slope stabilization ★ noise and blast barriers and much more.



A Terraforce retaining wall Jalila Children's Hospital, Dubai, United Arab Emirates. The blocks alternate between rock and round to create plant pockets.



The original hollow core, closed faced retaining wall system, since 1979

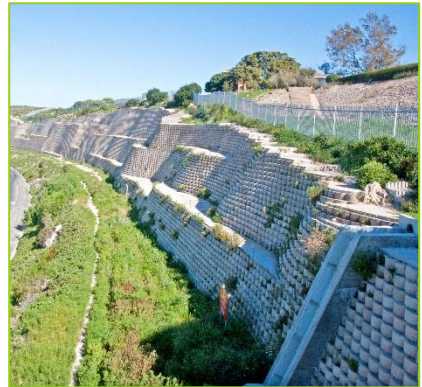
YOUR GROWING FORCE

Jalila Hospital, Dubai, with vertical wall with good plant cover, in 2019



YOUR GROWING FORCE

So many profiles, textures and patterns with only one block!



Award winning installation with South African indigenous plants, South Africa



YOUR GROWING FORCE

Beachfront walls at Ritz Plaza and Palm Jumeirah, Dubai



YOUR GROWING FORCE



Why Terraforce?

A proven product since 1979



A living wall: The unique hollow-core design allows you to make plants a part of your wall and allows water to drain back into the ground. Use low-water-use plants to create a landscape that's sustainable. Plant growth also deters graffiti.

Durability: Concrete will not rot and weaken over time, and no chemical preservatives are required. Blocks can be replaced if damage occurs.

Uniquely interlocking: The units are simply stacked up without mortar to provide a cost effective, do-it-yourself system. Can be used for light revetment cladding, medium-to-heavy gravity retaining walls, heavy duty composite walls in combination with earth reinforcing grids (fabrics) or reinforced concrete infill.

Multiple CMA Award winner since 1998

YOUR GROWING FORCE



Why Terraforce?

Unmatched versatility in application



Layout flexibility: The half moon interlock easily handles convex and concave curves of unrestricted radius, and the wall angle can vary from vertical to shallow slopes. Create steps by reversing the block, either with a straight or curved alignment. Perfect spiral stairways can be constructed with ease.

Colours and textures: choose between round, straight or rock face finish. Consult your local supplier about available colours.

Easy to use: The blocks are **lightweight for easy delivery, handling and installation**, yet heavy in mass when filled with soil, gravel, or concrete. Fence and handrail posts can be set within blocks.

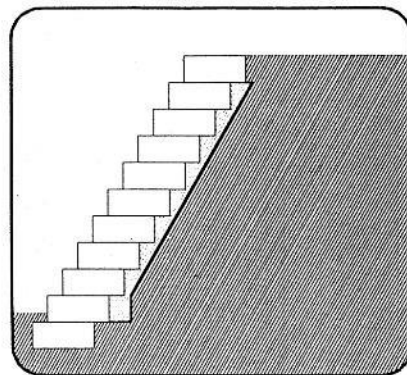
Level four BBEE, Member of the CMA

YOUR GROWING FORCE

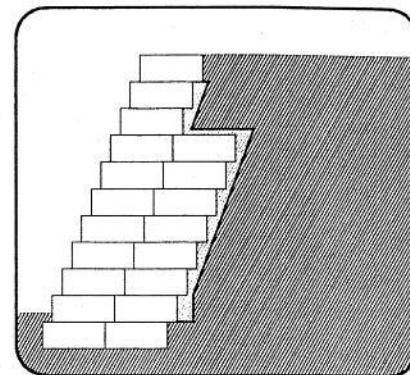
These drawings illustrate the most common planning options for L Range retaining walls:

The blocks interlock horizontally as well as vertically with optional keys or gravel infill and contain no air voids. They have a closed vertical and open horizontal surface structure, and thus lend themselves ideally to the construction of **light terrace walls** but also **heavy gravity**, **composite** or **vertical RC filled retaining walls**.

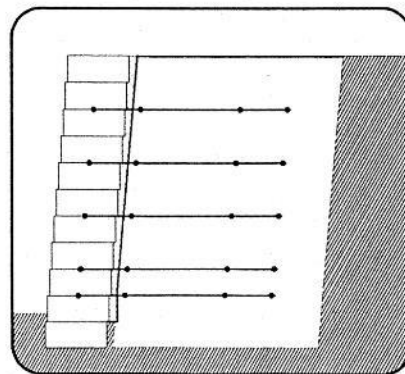
Factors influencing installation costs: as wall angles and heights increase so does cost. Due consideration has to be given to the presence of groundwater or unstable retained soil.



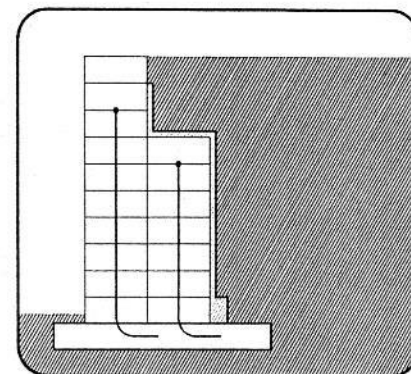
Light gravity wall



Heavy gravity wall



Composite wall (geofabrics)



Vertical / RC Filled wall

The planning stage of a retaining wall depends on environmental, structural and cost factors:

Type of retaining system: Resist the temptation to specify slender, stretched-out types or imitations of proven blocks. The system should be chosen for maximum structural mass (no air voids within wall) combined with optimal rooting conditions. This will help in binding the system and embankment together.

Climatic conditions: Exposure to factors such as coastal, salt-laden winds, long hours of direct sunlight, deep shadows, etc., should be taken into account.

Function and type of vegetation: Herbaceous, deep rooting (low maintenance) or attractive flowers (high maintenance) may be considered. Mixed complimentary species or uniform ground covers can be planted. Feeding values for birds and insects must be investigated for a complete bio-engineering approach.

Maintenance: Monitoring of soil fertility, irrigation and regular maintenance operations form an integral part of a growing investment. Indigenous plants are ideally adapted to prevailing climatic conditions. They generally require less water and maintenance, are deep rooting and can contribute considerably toward adding competence to these installations.

With these four basic walls types in mind, the design possibilities are endless!



With one block, you can create terraces, curves, corners, vertical walls and steps

YOUR GROWING FORCE

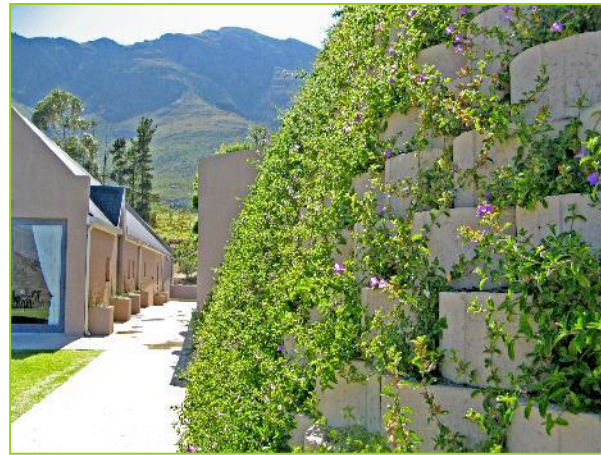


The shape of the block allows for unlimited curves



YOUR GROWING FORCE

Keep it green with unrestricted plant growth!



YOUR GROWING FORCE



Round, rock or flat face finishes.



YOUR GROWING FORCE

Rock face collection.





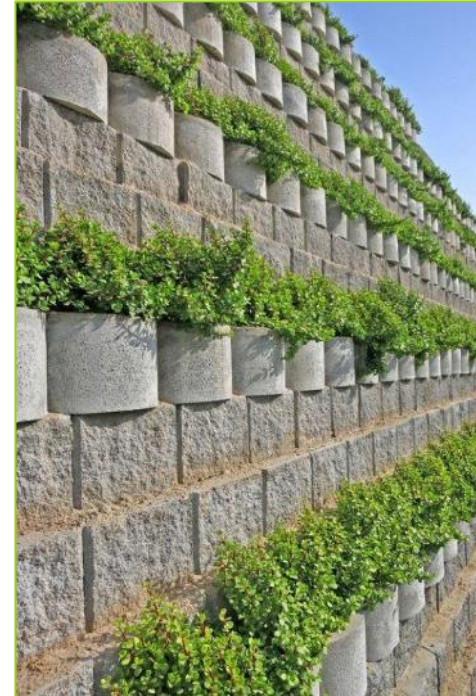
Terraced, vertical or sloped, whichever suits the best.



YOUR GROWING FORCE



Whether sloped or near vertical, planting is possible.



YOUR GROWING FORCE

Clover leaf interchange in round or rock face finish:



YOUR GROWING FORCE

Seashore retaining walls and 4x4 Multi Steps at Durat Al Bahrain, UAE



YOUR GROWING FORCE

Plants or patterns, you chose!



The three terraces reach up to 18m in height when combined

YOUR GROWING FORCE



Green, green and some more green!



YOUR GROWING FORCE



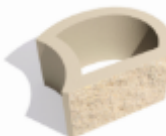
The end results are limited by your imagination only...



YOUR GROWING FORCE



Where to purchase TERRAFORCE blocks



The products are produced on 5 continents:



Send us your contact details and comments: [Contact us](#)

Or, alternatively, find your closest supplier:

[Find your closest supplier](#)

Call Terraforce directly: +021 465 1907 or email Karin: karin@terraforce.com or visit the web site: www.terraforce.com

We also offer a [professional design service](#)



Professional design service that provides first-class engineering, management, and specialist technical service to users of any of the Terraforce products.