

# StrataWall™



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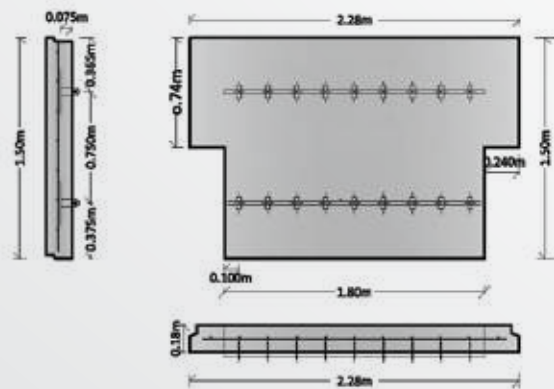
Precast concrete panel wall fascia  
for a reinforced soil structure



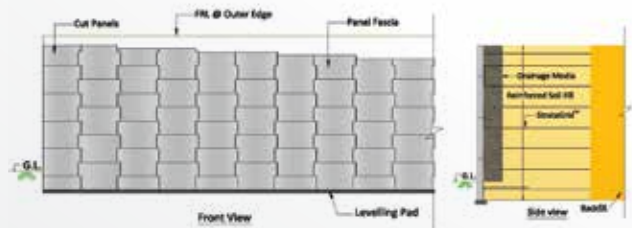
StrataWall™ is a precast concrete panel wall fascia for a reinforced soil structure. StrataWall™ is designed to give a positive concretion with StrataGrid™ geogrids as a reinforcing material.

StrataWall™ panels are either T-shaped or square shaped with a thickness of 180mm. It comes with a plain face or embellishment on the outer face.

## Technical details



T-shaped panel



RS Wall with precast reinforced concrete panels



Arrangement of StrataGrid™ reinforcement with panels



RS Wall with precast reinforced concrete panels

StrataWall™ panels are either T-shaped or Square reinforced concrete panel fascia, each about 3sqm, for a reinforced soil structure. The reinforced soil structure is a mass of non-plastic soil which is reinforced by StrataGrid™ geogrids.

StrataWall™ panels are placed with a slight inward batter. StrataWall™ panels are wet cast with M30 grade concrete using Fe 500

reinforcement cage to cater to the various handling and design stress.

StrataWall™ along with StrataGrid™ as reinforcing element is a cost effective alternative to steel soil reinforcement or conventional reinforced cement concrete retaining walls. Panels are precast near the project site for ease of logistics and faster construction.

## Highlights

- ▶ There is positive connection between the StrataGrid™ geogrids and the StrataWall™ panels
- ▶ The positive connection is effected by a galvanized connecting rod with a PVC sleeve
- ▶ The RCC StrataWall™ panels offer robust fascia
- ▶ This system is ideal for walls of great height
- ▶ StrataWall™ panels are designed for mechanise handling
- ▶ The joints between panels are appropriately designed to allow free flow of water without migration of particles for backfill

## Indicative projects





## About us



**Established**  
2004



**Manufacturing Facility**  
StrataGrid™ geogrid, StrataWeb®  
geocells at Daman, India



**Joint Venture**  
Strata Systems Inc. USA  
(Division of Glen Raven Group)



**Project Track Record**  
Timely & infallible installation



**Global Presence**  
USA, Brazil & Ireland



**Certification**  
CE TÜV

Strata India offers a comprehensive range of high-quality geosynthetic and geotechnical solutions to India's civil engineering and construction industry.

Strata India provides turnkey solutions for various applications like reinforced soil structures, slope protection and stabilization, erosion control, precast arch bridges, foundation improvement for structures and embankments, steep slope embankments, strengthening of paved/ unpaved roads, storage/ container yards etc.



Sabnam House, Plot No. A-15/16, Central Cross Road B,  
MIDC, Andheri (E), Mumbai - 400 093, India

T: +91 22 4063 5100 | F: +91 22 4063 5199  
e: [info@strataindia.com](mailto:info@strataindia.com) | w: [www.strataindia.com](http://www.strataindia.com)

Daman, Delhi, Hyderabad

CIN: U17299MH2004PTC148625