

# StrataWall™



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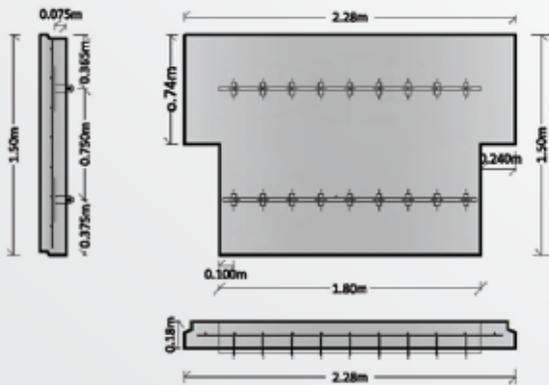
Precast concrete panel wall fascia  
for a reinforced soil structure



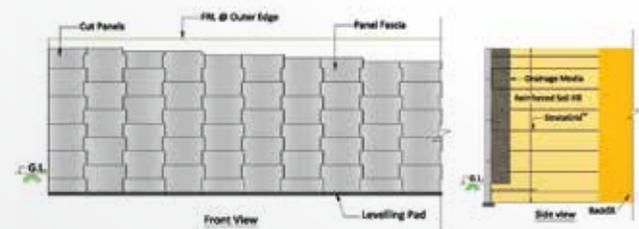
StrataWall™ is a precast concrete panel wall fascia for a reinforced soil structure. StrataWall™ is designed to give a positive concretion with StrataGrid™ geogrids as a reinforcing material.

StrataWall™ panels are either T-shaped or square shaped with a thickness of 180 mm. 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 3 sq.m., 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

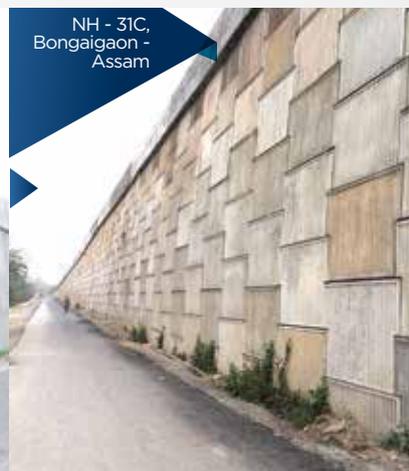
reinforcement cage to cater to the various handling and design stress.

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

Strata Geosystems is a leader in the geosynthetics market across the globe. It was established in 2004, in partnership with Strata Systems Inc., a subsidiary of the US based textile veteran, Glen Raven. Strata provides end-to-end solutions for soil reinforcement challenges including supply, design, and construction with our world renowned StrataGrid™ (geogrid) and StrataWeb® (geocells). In addition to the ISO and CE mark, the testing for our products is conducted in GAI-LAP accredited labs across the U.S., U.K., and India. We are also a proud member of the International Geotechnical Society (IGS) promoting advancements in geosynthetics.



W: [www.strataindia.com](http://www.strataindia.com), [www.geogrid.com](http://www.geogrid.com)  
E: [info@strataindia.com](mailto:info@strataindia.com) | T: +91 22 4063 5100

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