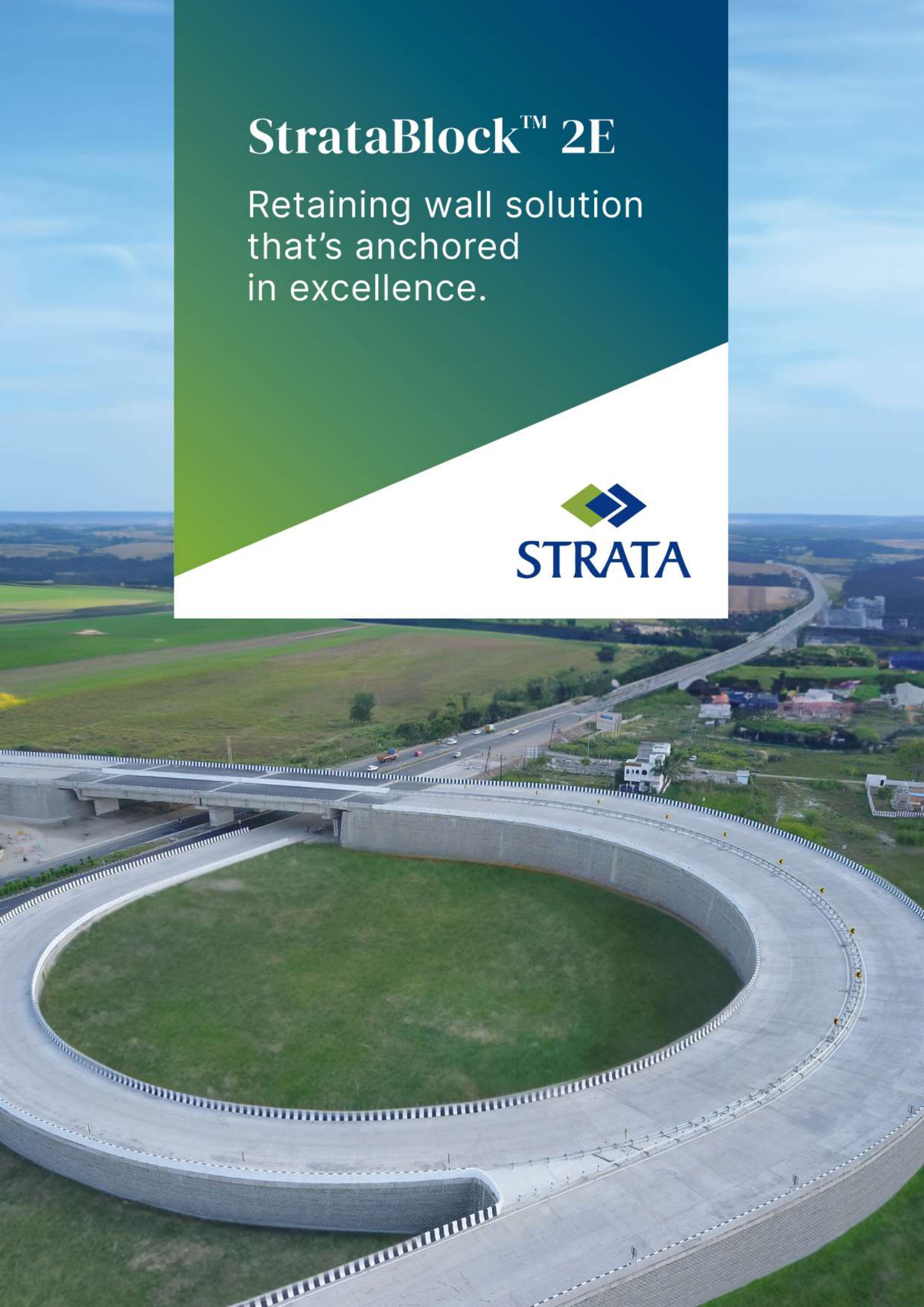


# StrataBlock™ 2E

Retaining wall solution  
that's anchored  
in excellence.



**StrataBlock™ 2E system has a much closer geogrid spacing, which offers better soil reinforcement and overall stability. The compact size of the fascia blocks enables faster erection, resulting in high concrete savings due to its economical design.**

The granular backfill is reinforced with StrataGrid™ to create an internally stabilized mass of reinforced soil that withstands both static and dynamic loads.

The key components that make up the system are:

- Precast concrete fascia blocks.
- StrataGrid™ geogrids.

Let's take a closer look at these constituents:

## 01. Fascia Blocks

These form the outermost face of the reinforced soil structure. They protect the structure's backfill material from erosion. Since the blocks are, in effect, the visible exteriors of the system, they also serve an aesthetic purpose.



## 02. StrataGrid™

These are specially designed geogrid reinforcements made from high tenacity polyester yarns and coated with a proprietary saturation coating. Their primary objective is to hold the backfill material in position. The tension developed in the reinforcement by virtue of the soil-reinforcement interaction holds the backfill material along with the surcharge loads that the system is designed for. Besides this, the geogrid reinforcement also holds the fascia blocks in position.



## Benefits of StrataBlock™ 2E



**SAFETY**

01

This is an extremely safe system, developed and perfected after continuous research, tests, and trials. Closer geogrid spacing offers much better soil reinforcement.



**ROBUST**

02

Every block in the StrataBlock™ 2E system remains connected with the geogrid, resulting in much better stability.



**FAST**

03

The compact size and light weight of the fascia blocks enable faster erection at the site, which is less strenuous on labour teams.



**ECONOMICAL**

04

High concrete savings due to StrataBlock™ 2E's economical design.



# Why StrataBlock™ 2E is superior to competitive systems.



Uniform fascia leads to **zero wastage**, requires less concrete, making it **economical**.



100% grid coverage makes the structure **safe**.



Its light weight makes it easy to manage. Doesn't corrode, lasts longer, and needs **no maintenance**.



Researched by the Indian and US tech teams, and **approved** by IIT M.



Implemented **large-scale national highway projects** in India and globally.



**Compaction control** & offers better flexibility for differential settlements.



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