



INFRASTRUCTURE CAPABILITIES



In proud partnership with



COMPANY & PARTNERSHIPS

Since its birth in 2011, our **ADHI Corporate Group** has continuously developed and adopted new products to improve global construction processes and quality, as well as overall cost efficiency.

ADHI is recognised for the quality and scope of the projects it supports, and the partners it selects.

In 2019 ADHI Rwanda was established, which has since gone on to secure strong government support in providing affordable, green-certified housing at mass scale to the city of Kigali.

In line with its culture of innovation, development and empowerment, **ADHI Rwanda** has broadened its capabilities to now include infrastructure by partnering with the global companies **HUESKER** and **Geoplast**. As a cohesive unit, the three companies together will be able to provide the following solutions to Rwanda:

- EARTH STABILIZATION & EARTHWORKS**
- WATER INFRASTRUCTURE**
- FLOODING CONTROL & DRAINAGE**
- ROADS STRENGTHENING & EMBANKMENTS**

EARTH STABILIZATION & EARTHWORKS

PRODUCT

Geogrid-Reinforced Soil: HUESKER Fortrac Systems

FORTRAC SYSTEMS

- Highly resilient, flexible geogrids used in soil reinforcement, including soil on slopes.
- Lower footprint through extra-steep construction.
- Straightforward installation with no geogrid “memory effect”.
- Design optimization and project-specific adaptation.



WATER INFRASTRUCTURE

PRODUCTS

Geotextile Encased Columns: HUESKER Ringtrac
HUESKER Incomat Concrete Mattress
HUESKER Soiltain Tubes

RINGTRAC ENCASED COLUMNS

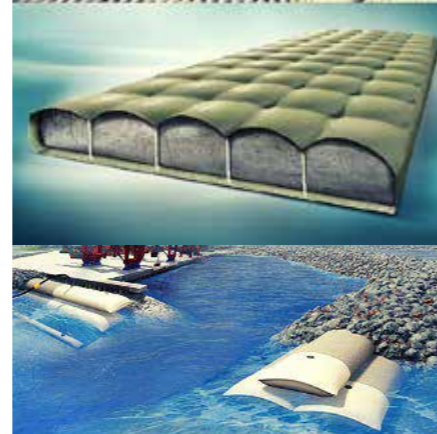
- Reinforcement of all load-bearing areas with very soft soils - columns placed using grid pattern.
- Underwater foundations.
- Foundations beneath water-adjacent reclaimed land.

INCOMAT CONCRETE MATTRESS

- Erosion control and lining solution for projects that require a constant thickness concrete cross-section or impermeable concrete mattress.
- Dimensional stability guarantees a constant concrete cross-section even under difficult installation conditions, e.g. underwater applications.

SOILTAIN TUBES

- Large-format geosynthetic containers used to build continuous barriers with high positional stability on coastal and bank sections.
- The geosynthetic fabric of the SoilTain Tubes, specially developed for sustainable coastal protection solutions, is characterized by its high level of robustness during installation and long-term abrasion resistance.
- High UV resistance and abrasion resistance.
- Saving of costly material transport by using local materials as filler.
- High positional stability.



FLOODING CONTROL & DRAINAGE

PRODUCTS

Geoplast Aquabox
HUESKER Soiltain Tubes
HUESKER Incomat Concrete Mattress

GEOPLAST AQUABOX

- High capacity modular system for stormwater retention, infiltration, disposal, or reuse.
- suitable for both landscape and traffic areas.
- Underground plastic module in which water is collected and stored. System collects rainwater temporarily and releases it with a time delay into sewage infrastructure, preventing flooding in urban areas.





ROADS & EMBANKMENTS

PRODUCTS

High-strength woven geotextile:
Huesker Stabilenka

Geogrid-Reinforced Soil: HUESKER
Fortrac Systems

HUESKER Incomat Concrete
Mattress

HUESKER STABILENKA

- A water-permeable woven geotextile used for soil reinforcement.
- Can permanently accommodate high tensile forces even at low elongations.
- When subjected to a permanent load equal to 50% of the short-term strength, the low-creep yarn ensures that the creep strain does not exceed 1% after two years.





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www.adhicorp.com
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