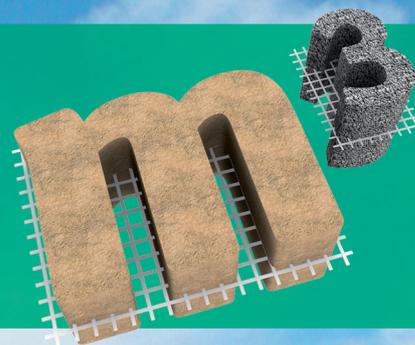
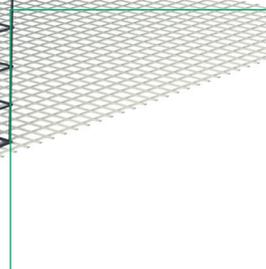
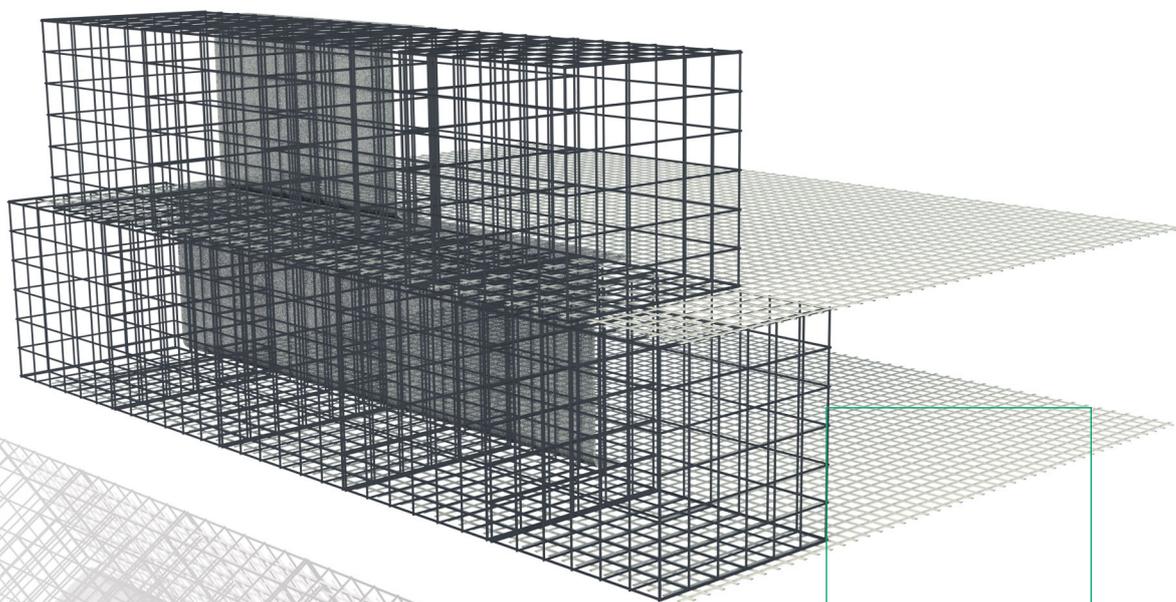


NAUE m³

SECUGRID® REINFORCED
SLOPE AND RETAINING
WALL SYSTEMS

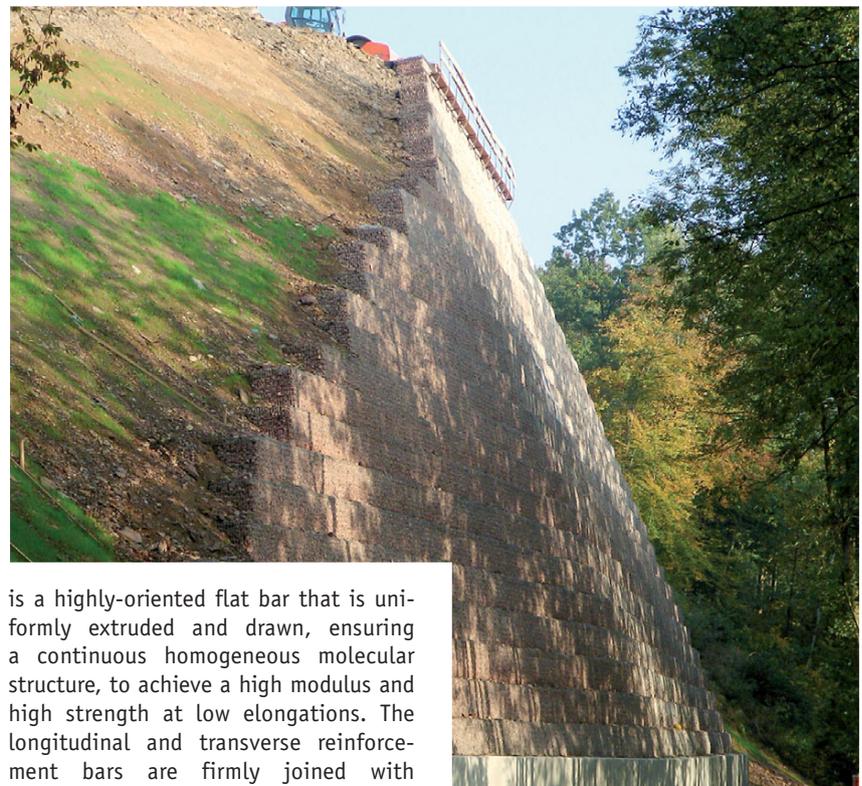
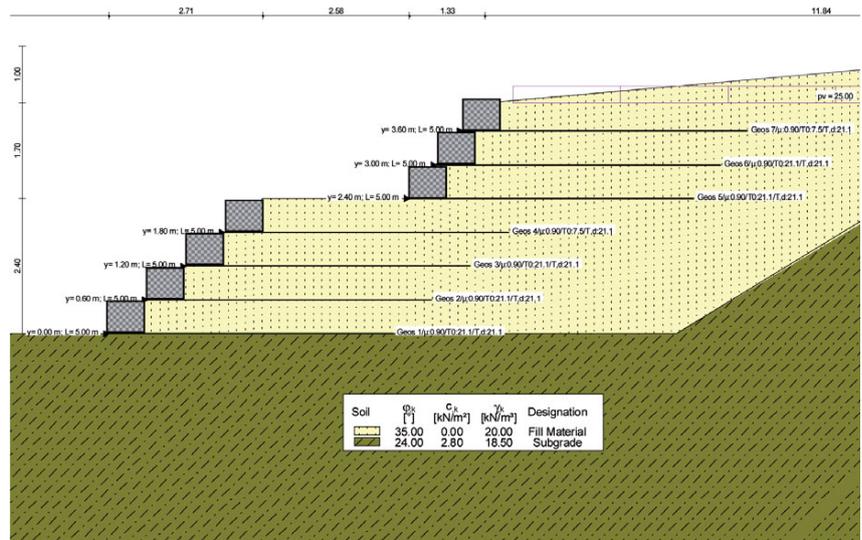


NAUE GABION



NAUE GABION DESCRIPTION

The NAUE GABION system utilises Secu-grid® geogrids to create reinforced earth structures with gabion fronts. Secu-grid® geogrids are installed between the gabion layers and anchored in the soil. The system is highly flexible for design and installation, adjusting to project-specific soil requirements and geometric shapes. This flexibility maximises project economics and aesthetic options. Depending on site needs, the erosion stability of the soil placed on the reinforcing geogrid construction can be ensured by the installation of a Secutex® filter geotextile behind the gabion layers. Slope inclinations up to 90° are possible.



Applications:

- Retaining walls of all kinds
- Embankment constructions
- Bridge abutments
- As a replacement for concrete gravity walls
- Road and rail noise barriers
- Soil pressure absorption systems

System Components:

- Secu-grid® PET geogrid reinforcement
- Gabion baskets
- Depending on the project, Secutex® nonwoven geotextile

NAUE Secu-grid® Geogrids

Secu-grid® geogrids are produced with a new dimension of manufacturing technology. The reinforcement element

is a highly-oriented flat bar that is uniformly extruded and drawn, ensuring a continuous homogeneous molecular structure, to achieve a high modulus and high strength at low elongations. The longitudinal and transverse reinforcement bars are firmly joined with the NAUE-patented welding technology to provide a structurally sound and stable geogrid for reinforcement applications. Secu-grid® is used for base reinforcement, mechanically stabilised earth (MSE) wall construction including veneer stabilisation, the segmental retaining wall (SRW) market, embankment

reinforcement, load transfer platforms over pile caps, sinkhole coverage, construction on soft soils and other soil reinforcement applications.

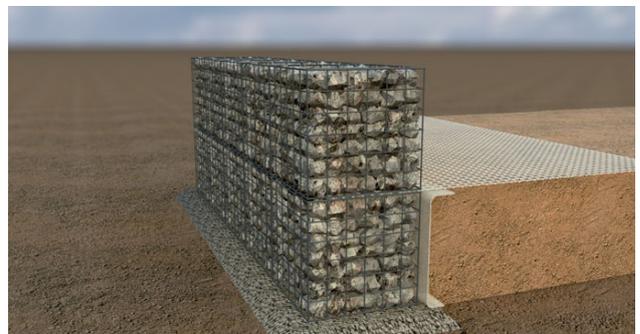
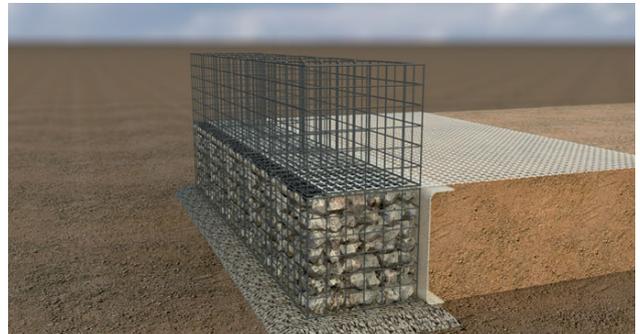
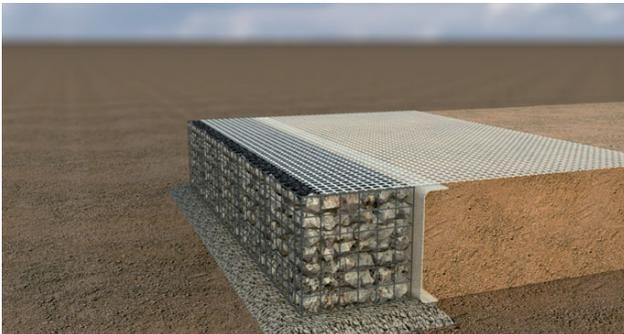
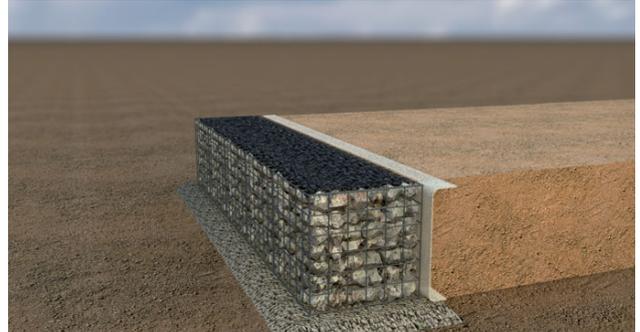
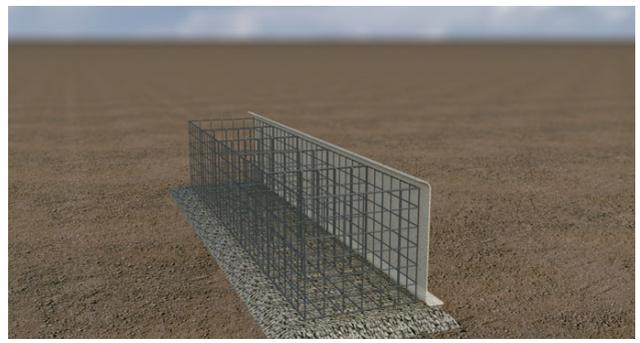
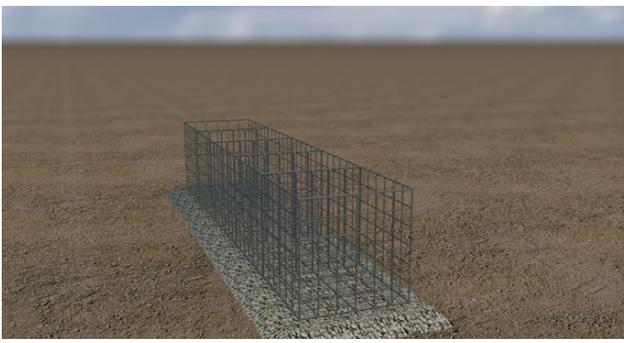




Advantages:

- High load capacity
- Quick and easy to construct
- Flexible exterior designs and configurations
- Gabion walls can be shaped to special corners and layouts (e.g., rounded)

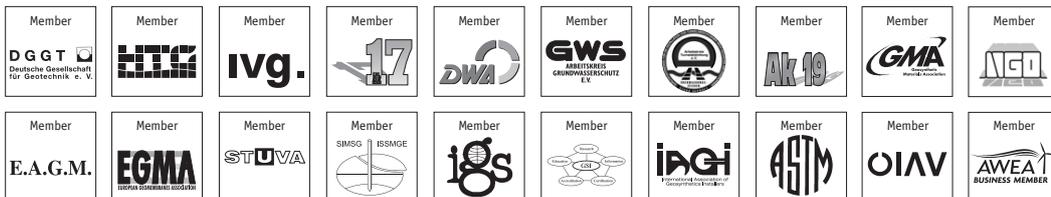
- Site soils and stones may be used
- Secugrid® geogrids can be used with soils stabilized with cement or lime
- Enables attractive aesthetics through selection of different stone types and sizes
- Aesthetic selections can include historical stone



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Memberships of the NAUE Group



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