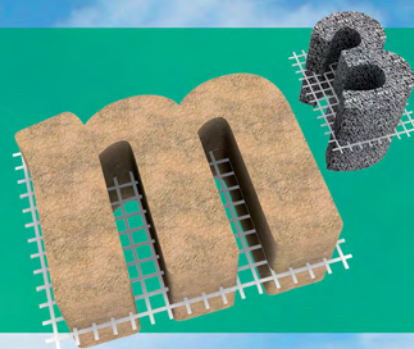
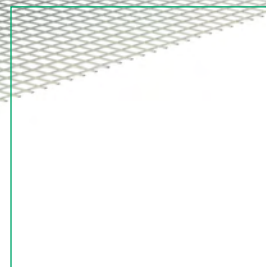
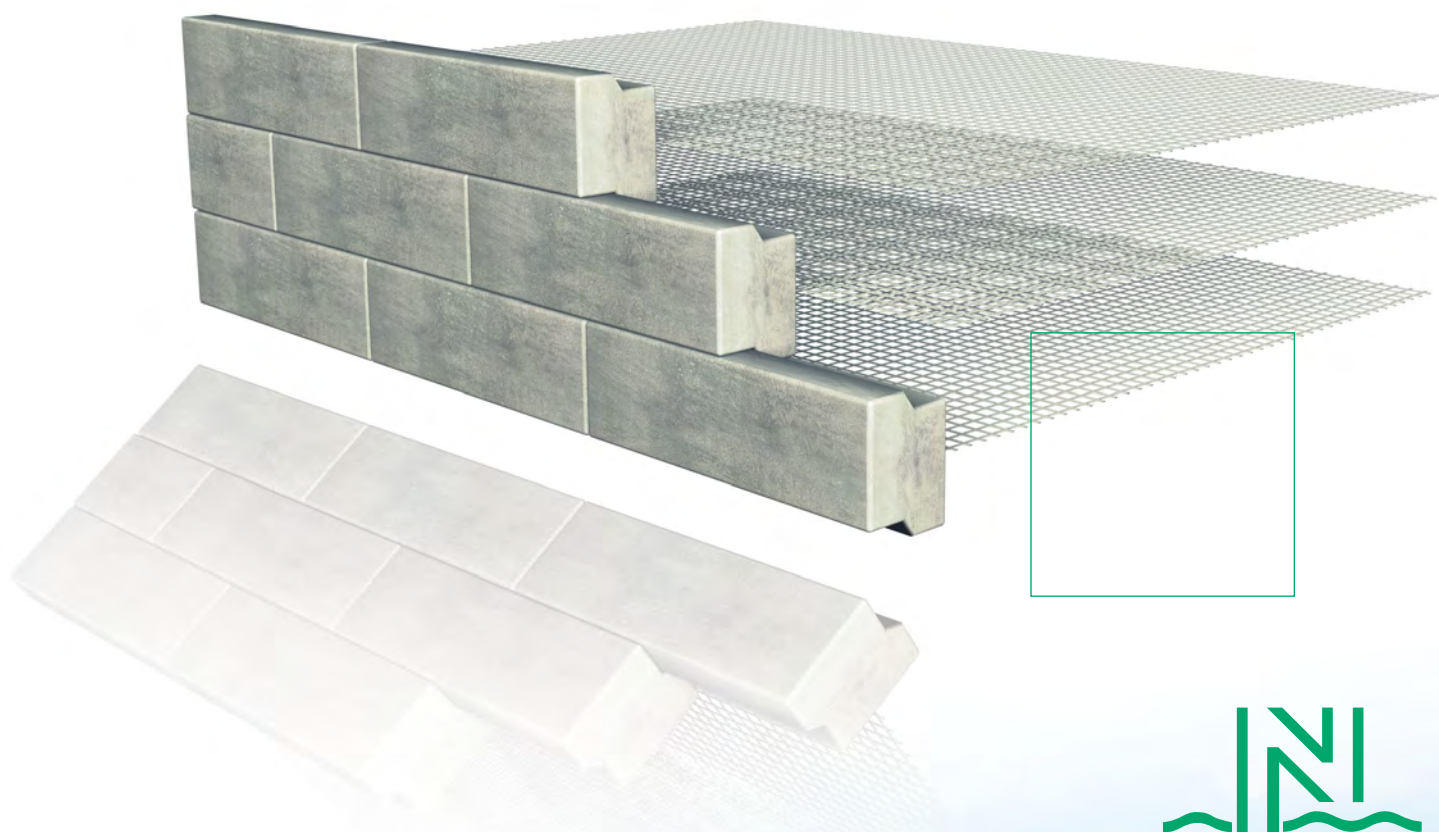
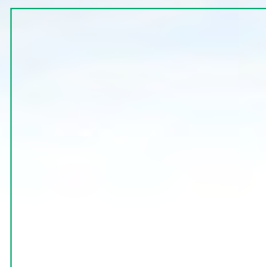


# NAUE m<sup>3</sup>

SECUGRID® REINFORCED  
SLOPE AND RETAINING  
WALL SYSTEMS

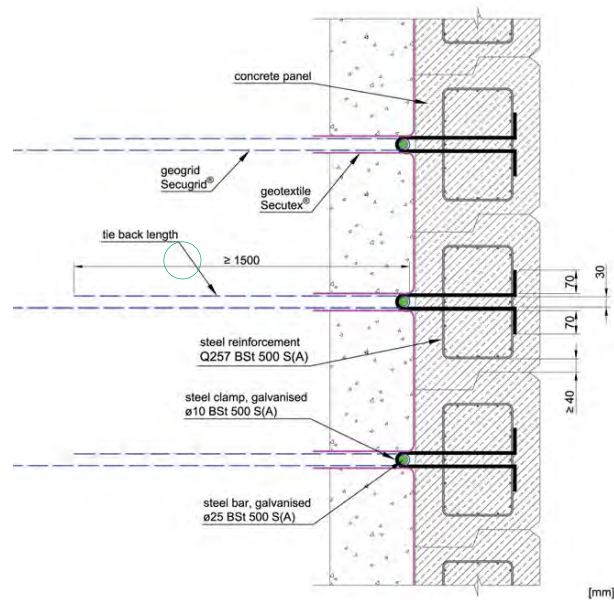


NAUE PANEL



# NAUE PANEL DESCRIPTION

When embankments are planned with inclinations exceeding 70°, a vegetated face is usually not possible or requires significant and potentially cost-prohibitive work. These situations require stiffer facing systems and high-strength reinforcement, but aesthetic, economical facings are still possible. The NAUE PANEL Secugrid® geogrid system provides high-strength reinforcement to earth structures and walls and utilizes precast concrete panels for exterior design flexibility. Secugrid® reinforcement geogrids are fastened to the facing elements by using a steel connector bar. NAUE PANEL is characterized by a high degree of design options, making it adaptable to project-specific requirements, different wall geometries and attractive aesthetic faces while being extremely cost-effective and quick and easy to construct. Walls can be built to 90° angles.



## Applications:

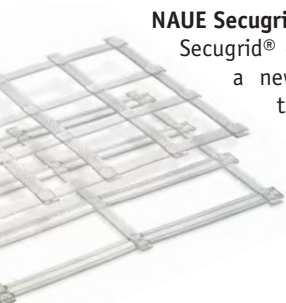
- Retaining walls of all kinds
- Bridge abutments
- As a replacement for gravity walls
- Road and railway noise barriers

## System Components:

- Primary Secugrid® PET geogrid reinforcement
- Precast concrete panels
- Secutex® nonwoven filter geotextile, project specific

## NAUE Secugrid® Geogrids

Secugrid® 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.

Secugrid® is used for base reinforcement, mechanically stabilised earth (MSE) wall construction including veneer stabilisation, the segmental retaining wall (SRW) market, embankment reinforcement,



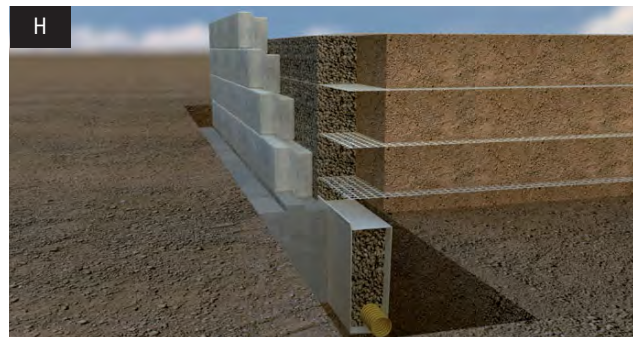
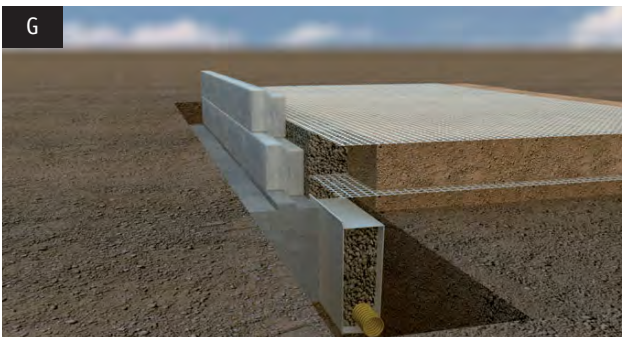
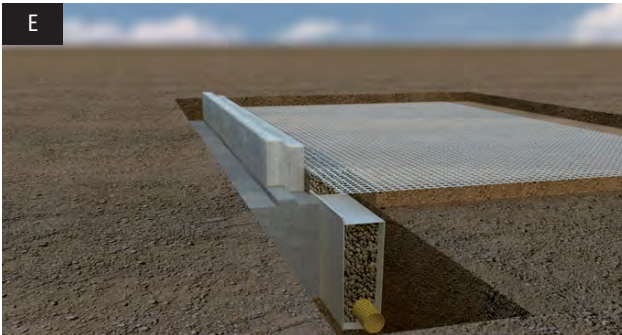
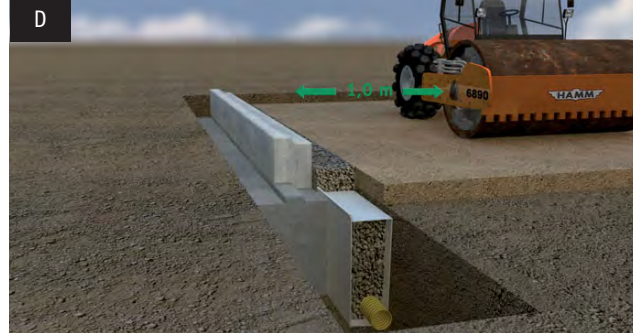
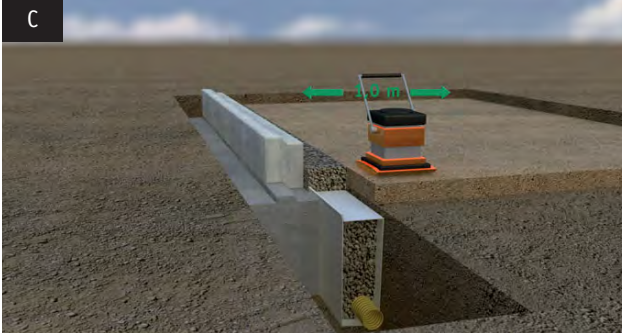
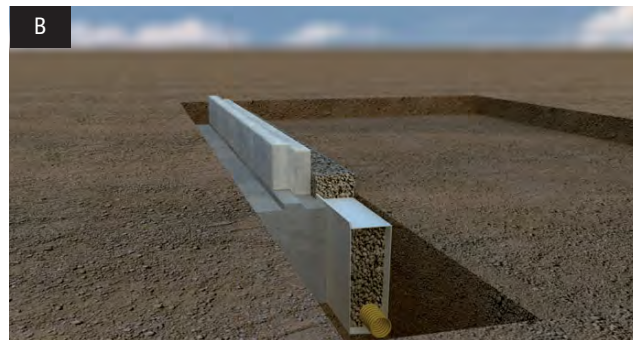
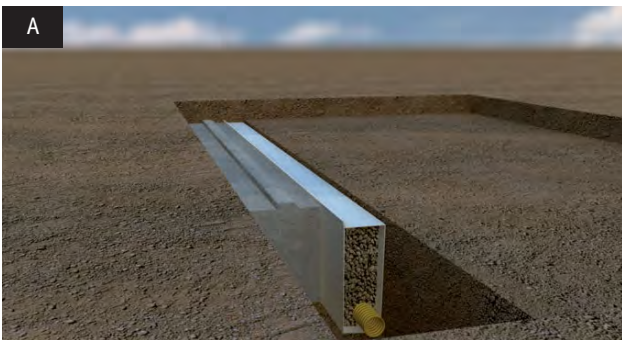
ment, load transfer platforms over pile caps, bridging of sinkholes, construction on soft soils and other soil reinforcement applications.



**Advantages:**

- Quick and easy to construct
- Flexible exterior designs and configurations
- High load capacity
- Secugrid® geogrids can be used with cement- and lime-stabilized soils

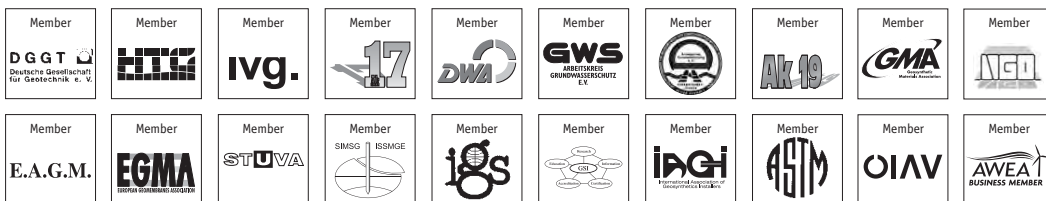
- Enables different, project-specific aesthetic facings
- Walls can be shaped to special corners and layouts (e.g., rounded)
- Site soils and stones may be used



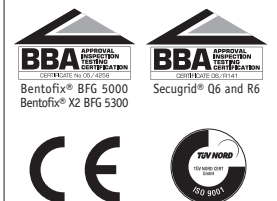
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Approvals for the NAUE Group



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