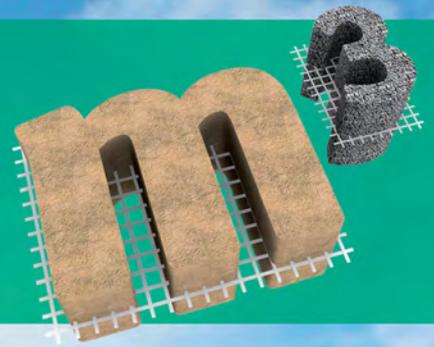
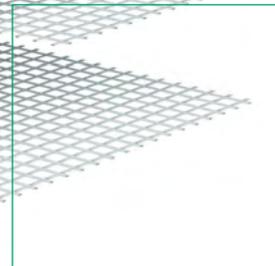
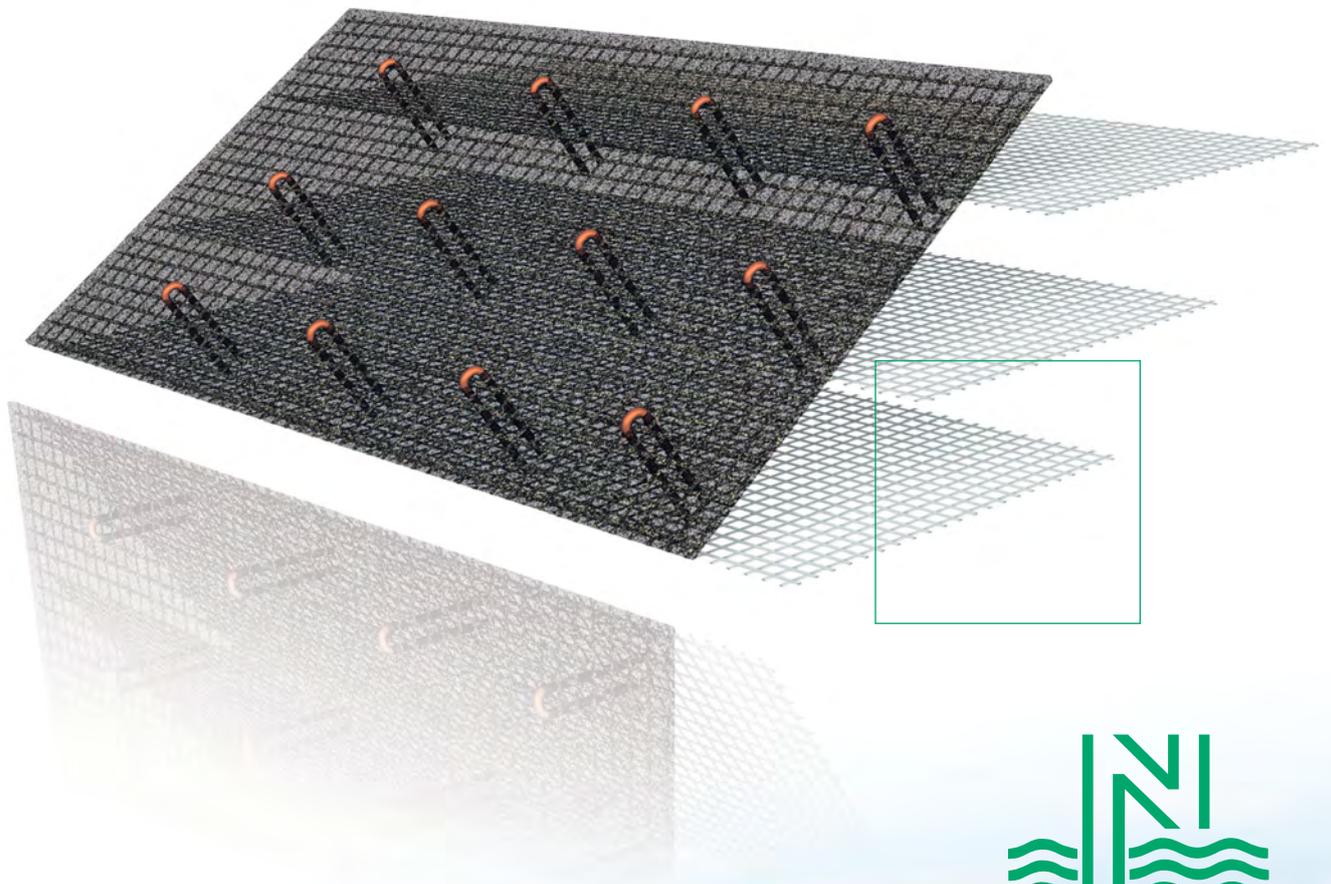


# NAUE m<sup>3</sup>

SECUGRID® REINFORCED  
SLOPE AND RETAINING  
WALL SYSTEMS

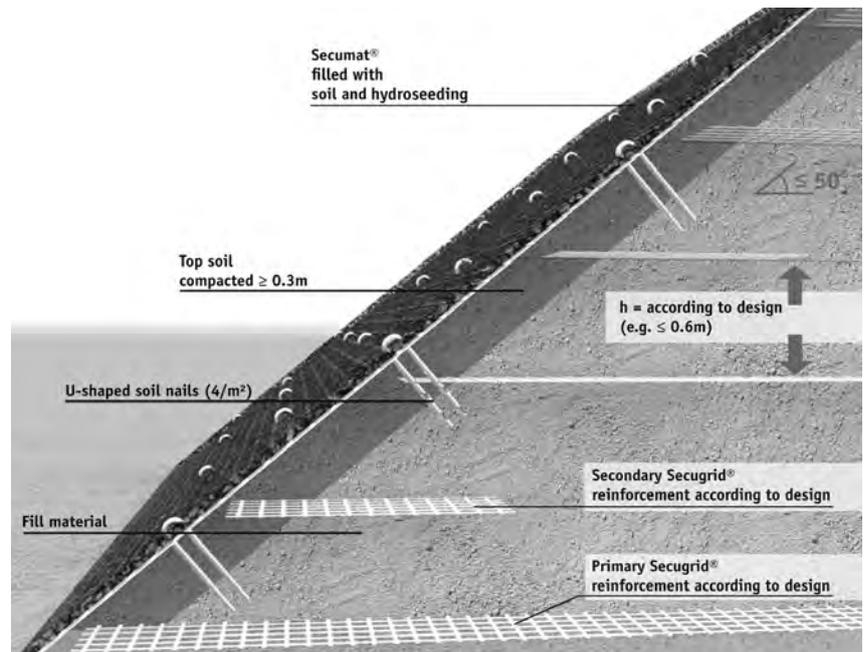


NAUE CLAMP



# NAUE CLAMP DESCRIPTION

The NAUE CLAMP Secugrid® geogrid system combines high-strength reinforcement with additional erosion protection for embankments, earth structures and steep slopes at inclinations up to 50°. NAUE CLAMP includes the horizontal installation of Secugrid® primary reinforcement geogrid and in specific design requirements a secondary Secugrid® soil reinforcement. The slope surface is additionally secured with Secumat® erosion control mats, which are secured with U-shaped soil nails. This arrangement is filled with topsoil and may be used in conjunction with fast-establishing hydraulic growth mediums, such as hydroseed. NAUE CLAMP secures both temporary and permanent slope constructions. The economic and nature-oriented system is characterised by its great flexibility relating to project specific requirements and geometrical design.



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



### Applications:

- Dams and levees
- Rehabilitation of slope failures
- Slope reinforcement

### System Components:

- Secugrid® PET geogrid reinforcement
- Secumat® erosion control mat
- U-shaped soil nails
- Vegetation, such as through hydroseeding

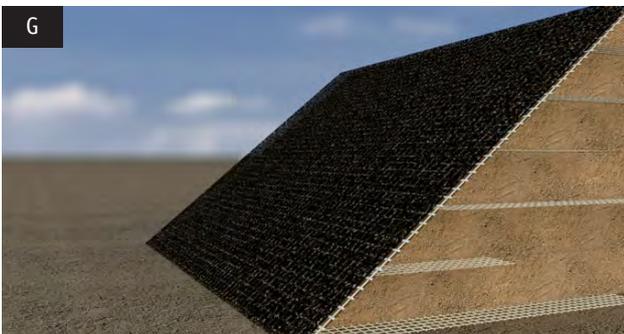
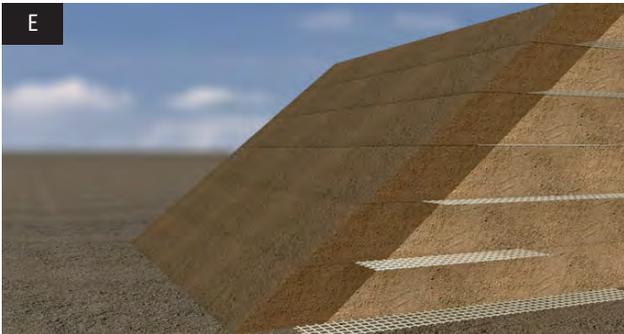
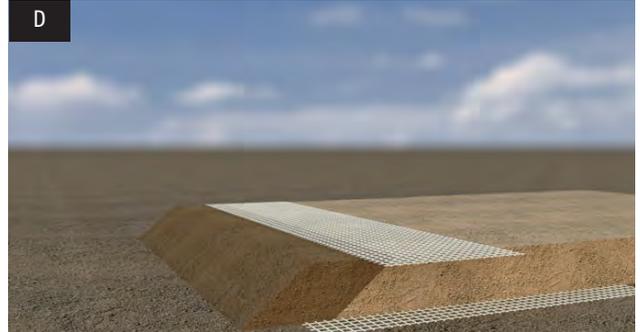
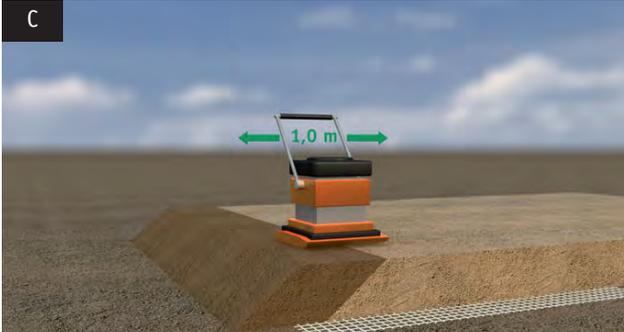
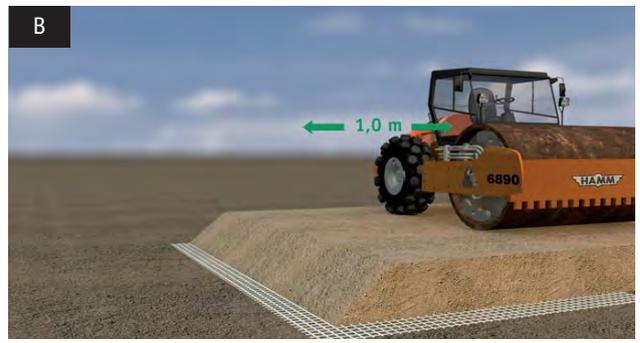
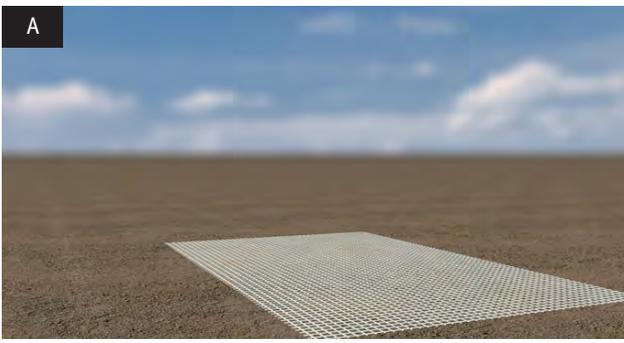




**Advantages:**

- Permanent stability even on slopes up to 50°
- Guards against slope failures and landslides
- Quick and easy to construct
- Site soils (including cohesive soils) can be used, which optimises project economy since more-affordable cohesive soils can be used rather than disposed of or replaced with non-cohesive soils

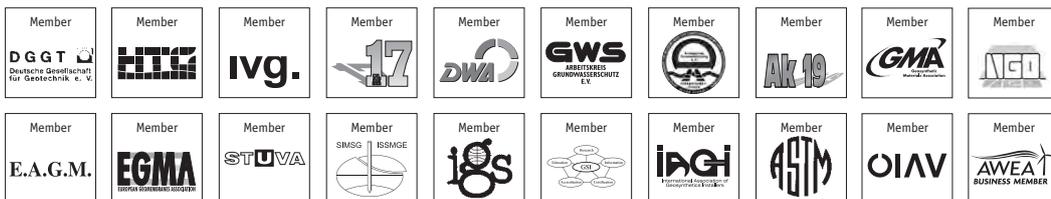
- Secugrid® geogrids can be used with cement- and lime-stabilized soils
- Ecological benefits associated with the use of local soils include decreased transportation pollution (and cost) and conservation of natural resources



NAUE GmbH & Co. KG  
 Gewerbestrasse 2  
 32339 Espelkamp-Fiestel  
 Germany

Phone +49 5743 41-0  
 Fax +49 5743 41-240  
 E-Mail info@naue.com  
 Internet www.naue.com

Memberships of the NAUE Group



Approvals for the NAUE Group



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