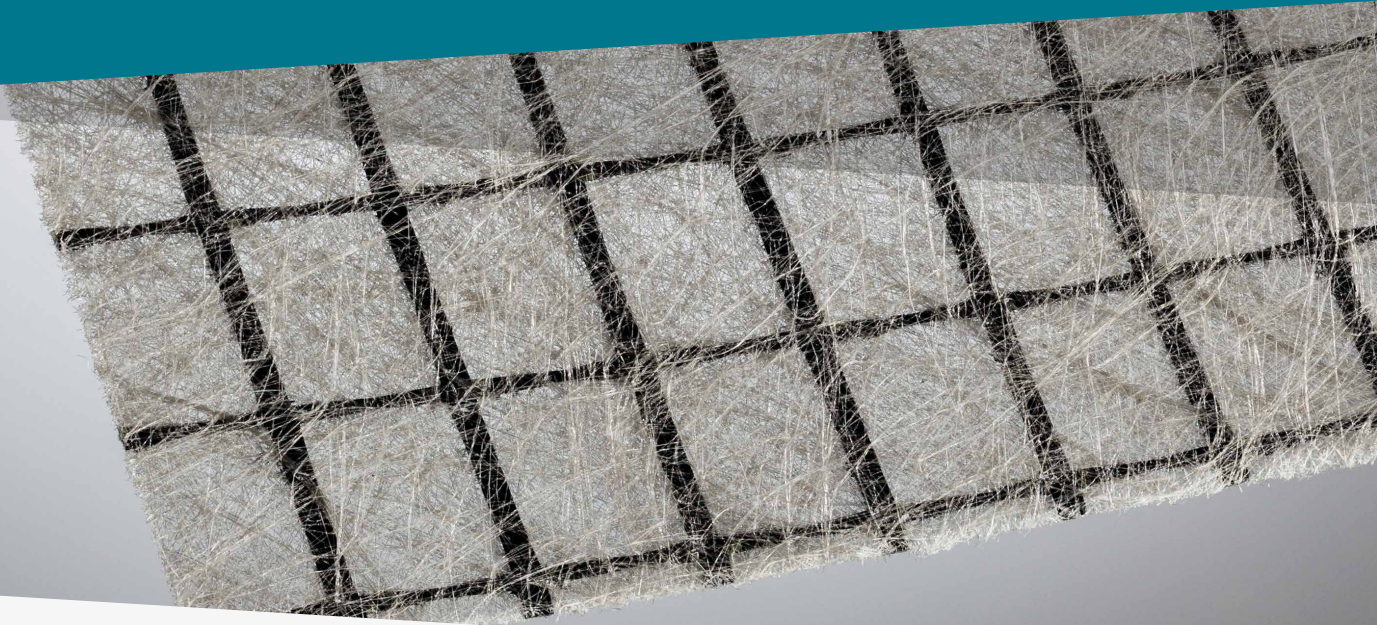


ENKAGRID[®] TRC

ARAMID REINFORCED GEOCOMPOSITE FOR
REINFORCEMENT, SEPARATION AND FILTRATION



Enkagrid TRC is a high strength composite of aramid mesh and a thermally bonded nonwoven combining reinforcement, separation and filtration functions in one product. It resolves a number of engineering problems in a single solution.

When no creep deformation is allowable in reinforcement or stabilization layers, Enkagrid TRC is the solution. The high strength geogrid composite reinforces the base course beneath roads, runways, and foundations over poor subsoils. The nonwoven prevents fine particles from percolating up into the sub-base and the granular sub-base, providing a layer for in-plane water flow during compaction of the sub-base.

Functions

- Reinforcement
- Stabilization
- Separation
- Filtration

Application areas

- Paved and unpaved roads
- Parking areas
- Embankment foundations
- Building foundations
- Platforms
- Runways





Features and benefits

- Three functions in one product: reinforcement, separation and filtration
- Reduces the required sub-base thickness
- Prevents fine subsoil from penetrating into the road structure
- Increases the sub-base strength on poor soils
- Outstanding mechanical properties: low creep
- Increases service life of roads with minimal deformation of the sub-base
- Limits the propagation of cracks
- Excellent durability and long term performance
- Fast installation with practical 5 m wide rolls
- Ease of handling on site

Technical details

Enkagrid TRC is a multifunctional geogrid composite comprising a nonwoven geotextile combined with a coated aramid woven grid. It exhibits high modulus combined with a maximum strain value of just 3% at break. Enkagrid TRC has the same design strength in both machine and cross-machine directions. It is available in rolls of 5 m width.

Technical data sheets with full details are available on request. Low & Bonar offers full design support for all applications.

Quality

The Quality Management Systems of Low & Bonar facilities have been approved to the ISO 9001 Quality Management System Standard. Certificates are available on request.

Product group

ENKAGRID

Leaflets in this group

ENKAGRID PRO
 ENKAGRID MAX
 ENKAGRID TRC
 ENKAGRID G and M
 ENKAGRID PLUS G and M

Disclaimer

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