

**TELE**  
**TEXTILES AS**  
Industrial Fabrics and Geotextiles



**TeleRoad**



"Quality and Strength in every Fibre"



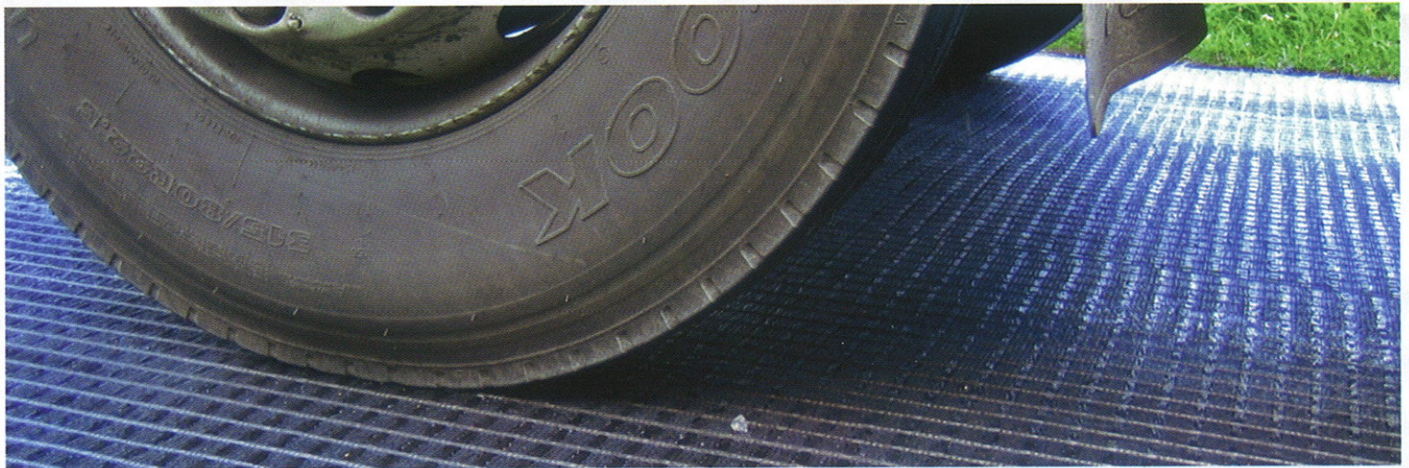
# TeleRoad®

The bituminous coated and high strength E-glass Grid for asphalt reinforcement

## Product

**TELE TEXTILES AS make high demands on TeleRoad®** products used for asphalt reinforcement. **TeleRoad®** is made of glass fibers / textured glass filler yarns and is primarily intended to be used for stabilization of asphalt roads and for reconstructions of bituminous road surfaces.

**TeleRoad®** from Tele Textiles AS saves both time and money because it promises also an easy and quick installation on the job site. In addition to asphalt reinforcements **TeleRoad®** can also be used in applications where high strength at low elongation is needed.



## Applications

**TeleRoad®** is a high strength and bituminous coated glass grid basically developed for

- \* road construction
- \* repairing of streets
- \* lane widening
- \* pavement joint extensions
- \* airport resurfacing
- \* all types of street repairs where cracking is caused e.a. by heavy traffic

**TeleRoad®** is also to be used in regions with rough climate, to avoid ruts and also cracking in the superstructure, in such a way for

- \* pavement joint extensions
- \* changes of various road surfaces
- \* airport runways
- \* for uneven road surfaces
- \* simply anywhere interchange rehabilitation is needed

The **initial point** is that asphalt has a low tensile strength, and if the limit is exceeded it gives rise to quite small strains, leading to the formation of cracks. Damage caused by high traffic volumes, by general overstraining, by weather and temperature fluctuations and others.

**TeleRoad®** high module glass grid is used for asphalt reinforcement which carries a large proportion of the tension forces horizontally. It's a basic increase of tensile strength of the asphalt layer and ensures an even stress distribution over large areas.



# TeleRoad®

The bituminous coated and high strength E-glass Grid for asphalt reinforcement

## Properties

- \* Bituminous coated glass grid
- \* Elongation at break < 3%
- \* High temperature resistance > 800 degree Celsius
- \* Very good creep properties

## Product range

TeleRoad® is available in two different tensile strengths:

**TR 50/50 kN/m** and **TR 100/100 kN/m**

- \* in standard widths of 2,20 m
- \* in roll-length of 100 m
- \* intendend use: asphalt reinforcement



## Special advantages

- \* Simply, fast and economic installation even in cold weather (taking into account the installation instructions for emulsion and asphalt)
- \* Prolongs the life of road surfaces
- \* Excellent bonding to the overlay
- \* Retards the cracking and strengthens the asphalt overlay by increasing the pavement life
- \* Lower repair costs
- \* Reduction of need for asphalt
- \* High tensile force and tear resistance
- \* Full recyclability of glass screens

## Installation indication

It's recommended to install **TeleRoad®** on milled surfaces, on asphalt as well as on concrete surfaces when the subgrade is absolutely dry and clean. Possible cracks and potholes should be filled and compacted before.

**TeleRoad®** performs best when installed in accordance with the project technical regulations for bituminous road construction.

The values given are indicative and correspond to average results obtained in official laboratories and testing institutes. The right is reserved to make changes without notice at any time.



Tele Textiles AS also offers a complete range of  
**products for reinforcement and erosion control:**



TeleVev®

Polyester geotextiles for soil reinforcement, separation and filtration



TeleGrid®

Polyester geogrids for soil reinforcement



FlexiTex  
FlexiGrow®

Textile shuttering for use at the water-side and under-water concrete work; one of our innovations: FlexiGrow®  
Textile shuttering with open square areas for planting.



EroNet®

Soil reinforcement for light erosion control



TeleEnviro®

Polyester with special woven characteristics and filtration properties needed for environmental uses



TeleTube

Polyester tube types from high strength textiles in diameters and lengths depending on customer's needs



TeleBag

Polyester bags for different kind of applications

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