

FAQs

Do you also offer geogrid application?

In some countries we have partners offering our products and application as well. For more information please contact our Sales Manager or customer service listed in the contacts section.

Is it possible to receive GlasGrid samples?

We have A4 size samples available. If you are interested, please contact our Sales Manager or customer service listed in the contacts section.

What are the advantages of glass fibers geogrids?

Based on strength/strain ratio, the glass fiber geogrids provide very high ability to resist crack propagation in comparison with geogrids made from different raw materials. Glass fiber grids improve the life of an asphalt pavement by 200–300% through reflective crack retardation, limit rutting, bring structural benefit and allow final reuse of interlayer due to recycling of geogrid.

Is GlasGrid millable and recyclable?

Yes, laboratory tests and experience from construction sites confirm that the ADFORS GlasGrid does not show any negative effects during milling and does not affect the depth of milling. The ADFORG GlasGrid is unlimitedly recyclable and the partial reuse of milled asphalt granulate (including glass fibers) in a new asphalt mixture improves the fatigue behaviour of the recycled asphalt.

Can we use a GlasGrid for airport repairs?

Yes, ADFORS GlasGrid is suitable for airport repairs. It has already been successfully applied at more than 200 airports around the world.

For what type of road are GlasGrids suitable?

ADFOR GlasGrid geogrids are suitable for application on all road categories of flexible pavements.

Under what weather conditions cannot the geogrid be applied?

Local standards and regulations for application of asphalt surfaces (e.g. temperature, precipitation, humidity) must be observed. We do not recommend the application of geogrids at air temperatures below 5° C and when raining or after the rain when the surface is still wet.

How fast can a GlasGrid be applied?

With the use of special tractor, the application speed is up to 6000 m²/hour. For manual installation, it is approx. 1000 m²/hour.

Is it possible to use a geogrid in curves and at a roundabout?

The application of the geogrid in curves can be performed following the correct application procedure. We do not recommend using geogrids at the roundabout.

Does the geogrid form a waterproofing layer?

We offer 2 types of products for creating a waterproofing layer (interlayer barrier) – ADFORS GlasGrid CG composite geogrid and ADFORS GlasGrid PG self-adhesive composite geogrid.

Can a geogrid be applied to a concrete surface?

Yes, the ADFORS GlasGrid can be applied on concrete surfaces. Before application, we recommend laying a thin asphalt leveling layer and then using the self-adhesive ADFORS GlasGrid GG.

What are GlasGrid geogrids made of?

ADFORS GlasGrid geogrids are made of glass fibers which are coated with a patented elastomeric polymer to protect them.

What tack coat should I use to apply the geogrid?

We recommend a polymer-modified tack coat with a minimum asphalt content of 60%.

Can a geogrid be applied to an existing asphalt surface?

Yes, the self-adhesive geogrid ADFORS GlasGrid GG is intended for application on existing asphalt surfaces. The surface must meet the conditions specified in the installation manual. Please read the installation manual for ADFORS GlasGrid GG.

Can a geogrid be applied on a milled surface?

Yes, ADFORS GlasGrid CG, CGL and PG composite geogrids are intended for application on milled surfaces. Please read the installation manual for the listed geogrids.