

kelteks.

the strongest link in your composite



kelteks.com/natural

we offer solutions
for demanding
field of composite
reinforcement
made of natural fibers

kelteks NATURAL

natural fibers reinforcements

kelteks.com



CERTIFIED
ISO 9001
ISO 14001

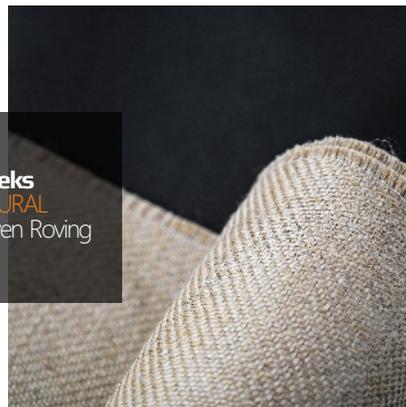


kelteks NATURAL

the strongest link in you composites



kelteks NATURAL Grid



kelteks NATURAL Woven Roving



kelteks NATURAL UD

natural Fibers

The increase in awareness of the importance of nature conservation and natural resources for our greener and sustainable future has led us to develop natural fibers as reinforcement for more environmentally friendly composites.

compatible processes

- RTM (vacuum infusion)
- wet lay-up
- BIM (bladder infusion moulding)
- compression moulding

articles

- Woven Roving
- UniDirectional
- Grid

technical information

- Good impregnation
- Lightweight
- Sustainable
- Bio-degradable
- Low energy consumption
- CO₂ neutral
- High specific properties
- Infinite resource
- High vibration damping
- Acoustical insulation

Canoe build from kelteks NATURAL Reinforcements

Composites made out of natural fibers have high strength and stiffness and are obtained from renewable resources which results in a reduction of carbon footprint, and are biodegradable.



reinforced by **kelteks**.



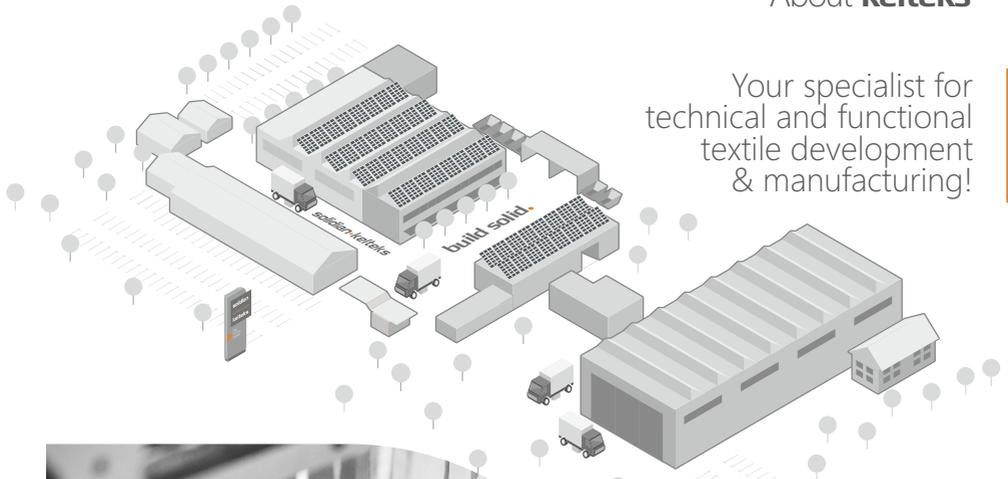
Due to their excellent performance & properties, reinforcements made of natural fibers have great potential in many applications.



kelteks NATURAL reinforcements

- + High Strength
- + Lightweight
- + High vibration damping

About **kelteks**



Your specialist for technical and functional textile development & manufacturing!



More than 30 years of experience in the composites industry as a manufacturer and developer of high-tech technical textile reinforcements for a large variety of applications. Our field of expertise is the large-scale production, with attention to every detail, of technical fibers such as carbon fibers, glass fibers, basalt fibers, etc., utilizing state of the art machinery and technology.

We are a family owned business and we are proud of the long experience of our 350 well trained, highly educated, and dedicated technical experts that ensure the best products and services for you. You can rely on us to be your partner for the complete value chain of your product so that you can focus on your own business. Our 3 factories are located in the heart of Europe in beautiful Croatia, from where we supply our industrial customers in more than 30 countries. It goes without saying that we are certified according to DIN EN ISO 9001:2015 and DIN EN ISO 14001:2015

build solid.



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Other Products

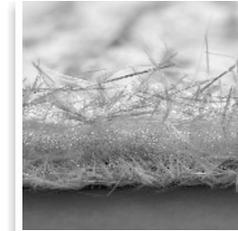


check out our NEW website for more products and innovative solutions



kelteks Edge Protector

is the NEW solution for the perfect corner reinforcement. Fluffy and cuddly fibers easily squeeze into sharp-edged joints and corners so stress-cracking and laminate chipping is effectively prevented.



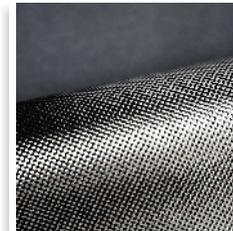
kelteks FormMat

is an innovative three-layer complex with a middle layer of fleece intended for fast and even impregnation of laminate. High volume fabrics without chemical binders for better resin flow & final surface finish. A volumized complex is used as a specific solution for various applications.



kelteks UD Reinforcement

Unidirectional fabrics are a composite reinforcement designed for applications where high additional strength and reinforcement in only one direction is required. UD reinforcement offers the ability to place continuous fibers in optimum quantity, either a 0° (warp) or 90° (weft) axis.



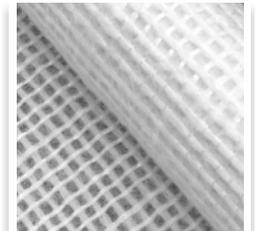
kelteks Woven Roving

is most suitable for applications where thickness and strength are required and provides the most economical solution for improving straight and increasing the glass content of laminates. It is a reinforcement made from direct, assembled, or texturized fiberglass roving weaved into fabric.



kelteks Combimat

is the complex reinforcement made of woven roving and chopped strand fibers bonded together by stitching. Connecting the layers without chemicals dramatically improves the bonding between reinforcement and matrix during the lamination process.



kelteks Complex

is the combination of two or more reinforcement layers, connected by a special needling technology. Adding epoxy, vinyl ester, or polyester matrix, creates a perfect composite for a variety of applications such as shipbuilding, automotive, sports & leisure, and other industries.