



**kelteks**



[kelteks.com/edgeprotector](http://kelteks.com/edgeprotector)



**kelteks**  
**EDGE PROTECTOR**  
COMPOSITE REINFORCEMENT

**REAL PROFESSIONALS  
DON'T MAKE WEAK PARTS...  
WHY WOULD YOU?**

**build solid.**

Kelteks d.o.o.

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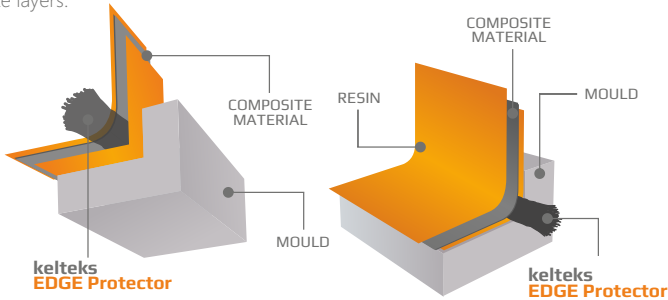
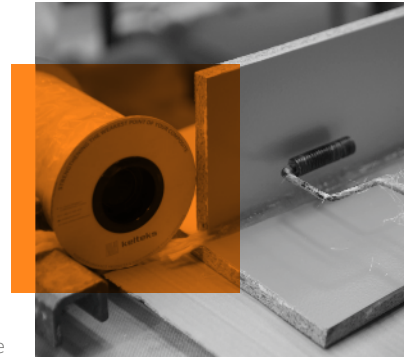
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# kelteks **EDGE PROTECTOR**

NEW solution for perfect corner reinforcement

- There is always the problem that not enough glass fibers go into the sharp corners or edges with a small radius.
- Glass fiber mat does not stretch into the corner and there is a “resin-nest” (too much resin) which is not reinforced with fibers. Sometimes air bubbles get trapped in there. These little voids are defects and weak spots, weakening the structural strength of your composite.
- After un-moulding this unreinforced corner is very sensitive to break, because there are no fibers inside (resin excess). The result is “stress cracking” and that almost always happen in radiuses of corners and edges.
- Products that are on the market are very hard and stiff and will not be squeezed into the corner, unless they are really precisely placed.
- The structure of the **kelteks EDGE PROTECTOR** is fluffy and cuddly and is available in different thicknesses. It can be easily moulded and, as an insert in the preform, it adapts well to any contour. Sharp-edged joints and corners in critical component areas are thus reliably filled with fibers and laminate chipping is effectively prevented.
- **kelteks EDGE PROTECTOR** is suitable for all processes of composites making, such as hand lamination, vacuum infusion, pultrusion, etc.
- The transversely aligned entanglement fibers ensure a perfect bond to the overlying laminate layers.



## Long-lasting

Long life of the mould / composite part



## Reinforcement

Corners are reinforced with fibers (no resin-excess)



## Connecting

Fibers will not resist overlaying glass fibre mat, but instead will connect to it



## Fluffy

Super flexible and “fluffy” reinforcement yarn and yet easier to apply



## Filling

During application fibers will be pressed into the smallest corner



## No Maintenance

Less or no repair and maintenance cost