Conkevlar is a double layered system which combines concrete and kevlar. A fibre which is capable to endorse up to five times more tension, we can produce on steel.

Whit this system we will be able to create spans never made before.

It is a leap away from the heavy armoured concrete structures, which we produce today.

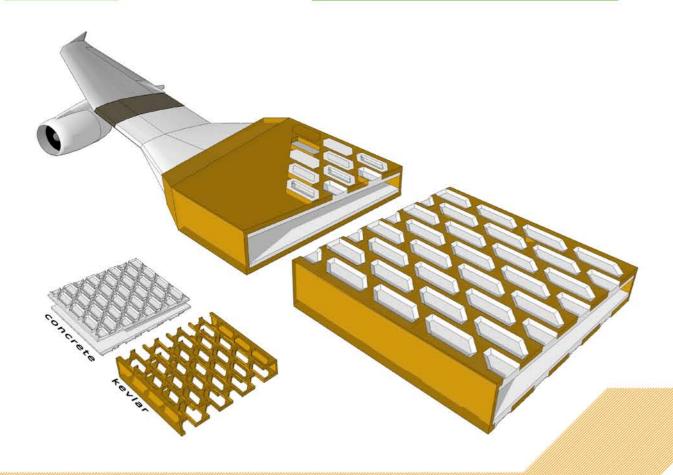
community and environment

We live in a disposal society which we are accustomed to, and self-evident we carry on living in it. Worldwide all raw materials are getting exhausted by our human behaviour. The car and industrial sector are seen as number one environmental polluters. Hereby they encounter a great social pressure to have a green image. The development of hybrid cars and reduction of CO² emission are an example of it. But people do not insipid notion to the fact, that when we poor a concrete construction, thousands of kilos steel are processed. A raw material which shrinks with the years.

Steel is elegant and formative material, which we perhaps better put to use for visible constructions, instead of indefinitely hiding it in a coat of concrete. Is there no alternative way to produce reinforced concrete? A material that we can combine with concrete like we do in steel reinforced structures. A material which also encounters the well-known error of concrete: the possibility to endorse a pulling tension.

Conkevlar. It is fibre structure that possesses the properties to make the combination of concrete and kevlar stable. And more even, kevlar can endorse an even greater tension then steel. The span we can produce with this system are never seen. All this within an ecological point of eye.







CONKEVLAR

