

# krafton<sup>®</sup> environmentally friendly properties



✓ Temporary bridge decking

✓ Used bridge decking

✓ Take-back guarantee

✓ Damage repair

✓ Second life

✓ Low ECI value

✓ Service life of at least 100 years

✓ European product

✓ Lightweight

## Returned bridge decking planks



### Take-back guarantee

To ensure the circular nature of krafton® GRP decking, we have introduced a take-back guarantee. This take-back guarantee allows bridge decking contractors to return their GRP bridge decking or profiles when a temporary construction project is completed or when the GRP bridge decking is nearing the end of its service life. In many cases, used GRP bridge decking can be given a second life, as good as new, without the need for major repairs. This is because UV-, corrosion- and chemical-resistant GRP material, with its tough structure and long service life, is almost impossible to break. Is the GRP product really beyond repair? Then it is recycled in its entirety and incorporated into new structures. This take-back guarantee, together with our sustainable manufacturing processes, is a key element in our efforts to reduce our ecological footprint as much as possible.

### Temporary bridge decking

Because of the take-back guarantee, it is also possible to use bridge decking on a temporary basis. A good example is the temporary metro platform on the Noord/Zuidlijn in Amsterdam. A temporary platform was built to assist with the construction of the new platform. The municipality made a conscious choice for our product because of the pre-agreed take-back period guarantee after 5 years of use. But building a temporary bridge to help repair an existing bridge is also among the options. The Gerrit Krol bridge in Groningen is a fine example of this. The original bridge was damaged by a barge in May 2021. Our planks are being used temporarily to keep bike traffic moving while the new bridge is being built. Expectations are that the new Gerrit Krol Bridge will be completed in 2026.

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MATERIAL

fibre-reinforced plastic

APPROVALS



### Damage repair

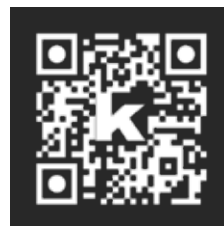
Damage can occur to a krafton® GRP bridge deck. Damage can be caused by a variety of circumstances, such as fireworks. Krafton® has the right solution that makes it easy to repair the damage on site. Often the plank does not need to be replaced. You can easily report any damage through our site [www.gvk-brugdek.nl/schade](http://www.gvk-brugdek.nl/schade). We will assess the damage and contact you with advice on how this damage can be repaired. We can provide the regular contractor with this advice or, if you prefer, we can carry out the repair work (or have it carried out) for you.

### Used bridge decking planks and profiles

It is possible to give a second life to previously used bridge decking planks and profiles at a discounted rate. After a thorough inspection of the planks and profiles, they will be ready to be used again in a new location. Parts that cannot be repaired will be 100% recycled.

### ECI value

We commissioned an LCA study, which produced an Environmental Cost Indicator (ECI) value, category 1. Based on the design, we can determine the ECI value for your krafton® bridge decking planks and profiles



Would you like to know more  
about krafton® environ-  
ment-friendly properties?

SCAN DE QR-CODE