



krafton[®] FRP Bridge Deck Wear Resistant Surface



✓ Recycled glass

✓ Colour-fast

✓ Resistant to de-icing salts

✓ UV-stable

✓ High chemical resistance

✓ Crack-bridging capacity class B3.1

✓ Impact resistant

✓ Optimal grip R13 TÜV tested

Comes as standard in 2 colours



Anthracite



Sand

Other colours available on request, as:



Red



Light grey



Or one of these colors

Environmentally-friendly features

In order to meet the increasingly stringent environmental requirements, we have opted for a grit layer of recycled glass. The used glass is no longer suitable for melting down into a new product. This makes our grit-layer more durable than when chippings have to be excavated from the quarry, as we previously did. Glass naturally has a strong wear resistance. As a result, it has a longer economic lifespan and fewer maintenance intervals are required. This results in a lower environmental impact. Glass has a high crush resistance, is low-maintenance and is naturally moisture and dirt resistant. In addition, the functional properties are retained for a long time.

Colour-fast

The glass particles are coloured on all sides by means of a patented treatment. In the unlikely event that the colour layer on top wears out, the underlying colour will reflect through the clear glass matrix, making the colour-fastness optimal.

Coarseness of the glass grain

Our krafton® grid-layers are available in different grain sizes. Fine, 1-2 mm and 1-3 mm, with the 1-2 mm being our standard grain size. The grit-layer with fine grains is more pleasant to be walked upon with bare feet.

Topcoat (as an extra option)

The top coat is a liquid-tight high-density sealing that encloses all glass particles, preventing grains from coming loose. In some specifications, this may be mandatory. If the grit-layer needs to be walked upon with bare feet, we recommend this top layer, so that no grains will stick under the feet while walking.

Development

In close collaboration with Resiplast, the grit-layer and top coat have been developed in a spray version specifically for krafton®. As a result, together we guarantee the quality of both layers. The grit-layer is applied in a conditioned manner at our production site in Heijningen. In the unlikely event that the grit-layer is damaged or worn, it can easily be repaired on site. The big advantage here is that the planks can be left in place.



Would you like to know more about the krafton® FRP Bridge Decking Plank wear layers?

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