SCAN THE QR-CODE TO VIEW THIS PRODUCT IN THE NMD.

DIT PRODUCT IS OPGENOMEN IN DE NATIONALE MILIEUDATABASE

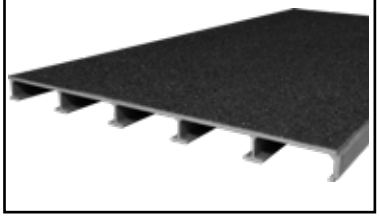
krafton

krafton® FRP Bridge Decking Planks

krafton® 500.35

ECI value €2,60 m²

pedestrian



krafton® 520.35

ECI value €2,60 m²

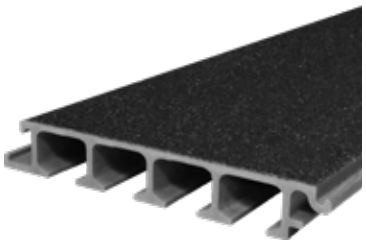
pedestrian



krafton® 236.40

ECI value €3,52 m²

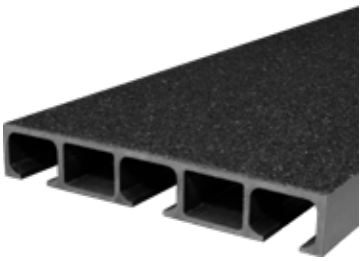
5-ton service vehicle



krafton® 256.40

ECI value €3,59m²

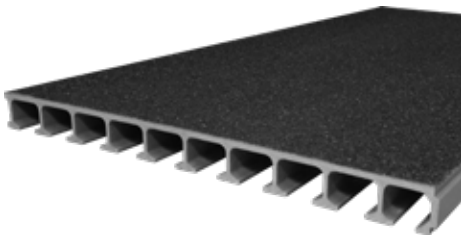
5-ton service vehicle



krafton® 500.40

ECI value €3,10 m²

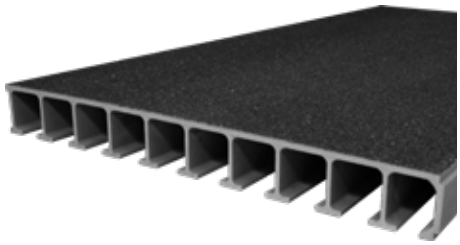
5-ton service vehicle



krafton® 500.55

ECI value €3,36 m²

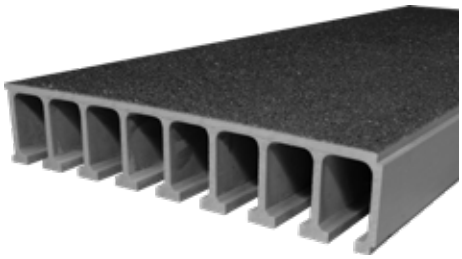
10-ton service vehicle



krafton® 400.80

ECI value €5,30 m²

20-ton service vehicle



APPROVALS

Deutsches Institut für Bautechnik DIBt · NEN NEN EN 1991-2 · NEN 13706-E23 · TÜVRheinland · Eisenbahn-Bundesamt · DB

- ✓ Certified
- ✓ Lightweight
- ✓ Long service life
- ✓ European product
- ✓ Simple assembly
- ✓ No distortion due to UV
- ✓ Low maintenance

Markweg Zuid 34 | 4794 SN Heijningen NL | +31 (0) 168 22 75 10 | info@krafton.uk | www.frp-bridgedeck.com

Technical data

Our planks are made of thermosetting material. As such, our planks have a low expansion coefficient and are not affected by deformation or creep, in comparison with thermoplastics. Also the krafton® planks are UV resistant and comply with the following spans:

Allowable span (multiple) multifields:

krafton® 500.35	
WITHOUT VEHICLES 500KG P/M2	1000 mm
ONLY SERVICE VEHICLES 5 TONS	390 mm
krafton® 520.35	
WITHOUT VEHICLES 500KG P/M2	1070 mm
ONLY SERVICE VEHICLES 5 TONS	320 mm
krafton® 236.40	
WITHOUT VEHICLES 500KG P/M2	1240 mm
ONLY SERVICE VEHICLES 5 TONS	650 mm
ONLY INCIDENTAL VEHICLE 12 TON	220 mm
krafton® 256.40	
WITHOUT VEHICLES 500KG P/M2	1270 mm
ONLY SERVICE VEHICLES 5 TONS	670 mm
ONLY INCIDENTAL VEHICLE 12 TONS	640 mm
krafton® 500.40	
WITHOUT VEHICLES 500KG P/M2	1720 mm
ONLY SERVICE VEHICLES 5 TONS	910 mm
ONLY INCIDENTAL VEHICLE 12 TONS	720 mm
krafton® 500.55	
WITHOUT VEHICLES 500KG P/M2	2560 mm
ONLY SERVICE VEHICLES 5 TONS	1730 mm
ONLY INCIDENTAL VEHICLE 12 TONS	1340 mm
krafton® 400.80	
WITHOUT VEHICLES 500KG P/M2	4470 mm
ONLY SERVICE VEHICLES 5 TONS	2330 mm
ONLY SERVICE VEHICLES 10 TONS	1780 mm
ONLY SERVICE VEHICLES 16 TONS	1670 mm
ONLY SERVICE VEHICLES 20 TONS	1240 mm
ONLY INCIDENTAL VEHICLE 12 TONS	2170 mm

Quick assembly on-site

Regardless of the type of support structure, krafton® planks are installed quickly and easily using 1 of 12 certified fixing methods.

Environmentally friendly features

All krafton® FRP planks have a service life of at least 100 years. If the planks need to be replaced, we will take them back in accordance with our well-known guaranteed return policy. Returned planks are reused in another location after a short treatment. Any irreparable parts are 100% recycled. We commissioned an LCA study, that has yielded an Environmental Cost Indicator (ECI) value. the values of which can be found on the front page of this flyer. These values, based on a service life of 100 years, are 46.7 - 73.9 % lower than those of wooden bridge decks, which have to be replaced every 20 years (based on the EPD product card Footbridge (wood), category 3). In comparison with a bridge deck made of steel walking grids, the savings are even 78.2 - 89.3 %, where the steel walking grid needs to be replaced every 50 years (based on the EPD product card Walking Grid; steel, galvanized and coated, category 3).

Safety guarantee

We guarantee that our FRP Bridge Decking Planks can be safely taken into use immediately. Our FRP planks are, beside the slip restistance R13 certified by TÜV, also comply with the Eurocode NEN-EN 1991-2 +C1/NB, DIBt and EBA approvals.

To help you with the detailed calculation, we provide you with a comprehensive engineering report for each plank in accordance with Eurocode.

Quickly calculate the price for your bridge deck with our quotation tool

SCAN THE QR CODE

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