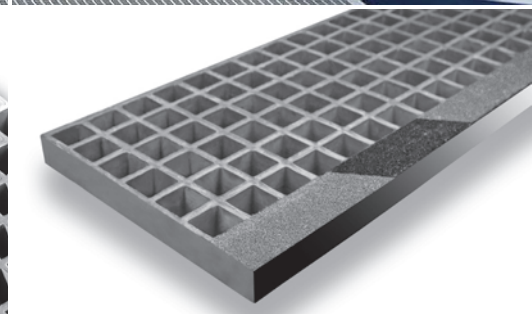
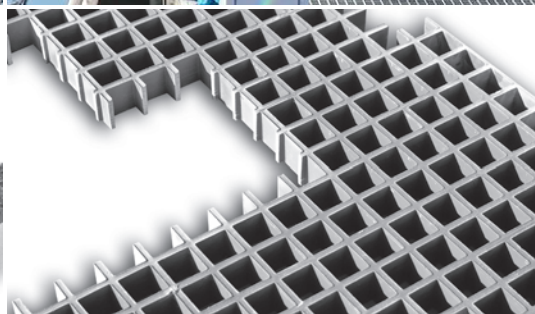
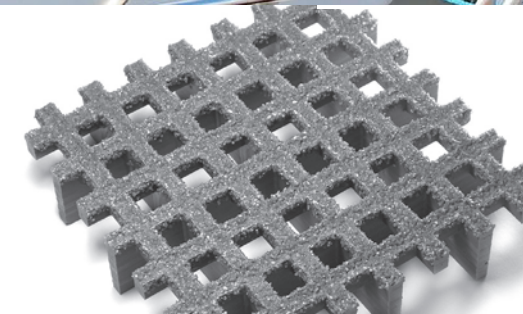


GRP-JETTIES

THE DURABLE ALTERNATIVE TO WOOD OR STEEL



U GRP I GFK O TWS J PRFV W GVK □ PRV T PAFS



GRATINGS FROM GRP - the safe, low-maintenance alternative

The majority of modern boat hulls are nowadays made of glass-fibre reinforced plastic (GRP).

The lower maintenance requirements here led away from wood to reinforced plastic. Low-maintenance alternatives made of GRP are now also available for jetties: GRP profiles for the load-bearing structure and GRP gratings for the walking surface.

Of course, the GRP grating can also be used to replace any other covering on your jetty. The gratings offer maximum slip resistance class R13, the gratings offer a maximum of safety on your footbridge.

Materials

We use high-quality glass fibres and polyester resins for our gratings. The glass fibres provide the stability, while the polyester resin protects the fibres from weathering and UV radiation. Both together form a quasi-maintenance-free system.

Surface

The surface can be either concave, coarse or fine sanded. Both surfaces achieve the highest slip class R13 for maximum safety even when wet on your walkway.

Fibrolux Quality

Our gratings are also used by Deutsche Bahn and thus meet the highest quality standards. This is regularly and independently confirmed by audits of the Federal Railway Authority.

How do I find the right grating for my bar?

The maximum support width is the largest distance between two support points on your existing bar. Based on this support width and the maximum load, you can use the table below to determine the grating that best suits you. The following applies to the mesh size: the smaller the mesh size, the more pleasant the walking feeling on the bar.

Grating	Grate height	Mesh size	Web width	Weight
Type	mm	mm	mm	kg/m ²
ISO 25 micro	25	14 x 14	5 - 7	16,8
ISO 30 micro	30	14 x 14	5 - 7	18
ISO 30 8 x 8	30	8 x 8	6 - 8	22
ISO 38 micro	38	14 x 14	5 - 7	23,5
ISO 50 micro	50	17 x 17	6 - 8	28,5

1 daN \triangleq 1 kg



daN maximum point load at l/200 on an area of 200 x 200 mm



daN/m² Maximum surface load at l/200

Grating	Support width in mm						Support width in mm					
	400	600	800	1000	1200	1400	400	600	800	1000	1200	1400
ISO 25 micro	315	140	78	50	35	26	1.800	533	225	115	67	41
ISO 30 micro	517	230	129	83	57	43	2.996	887	374	192	111	69
ISO 30 8x8	544	242	137	87	60	45	3.110	922	389	199	115	73
ISO 38 micro	1.107	492	277	177	123	91	6.322	1.873	791	404	234	148
ISO 50 micro	2.016	896	504	323	224	165	11.201	3.319	1.400	717	414	261

You haven't found the right type of grating for your jetty? Contact us and we will find the perfect solution.

In which colours is the grating available?

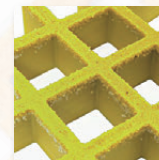
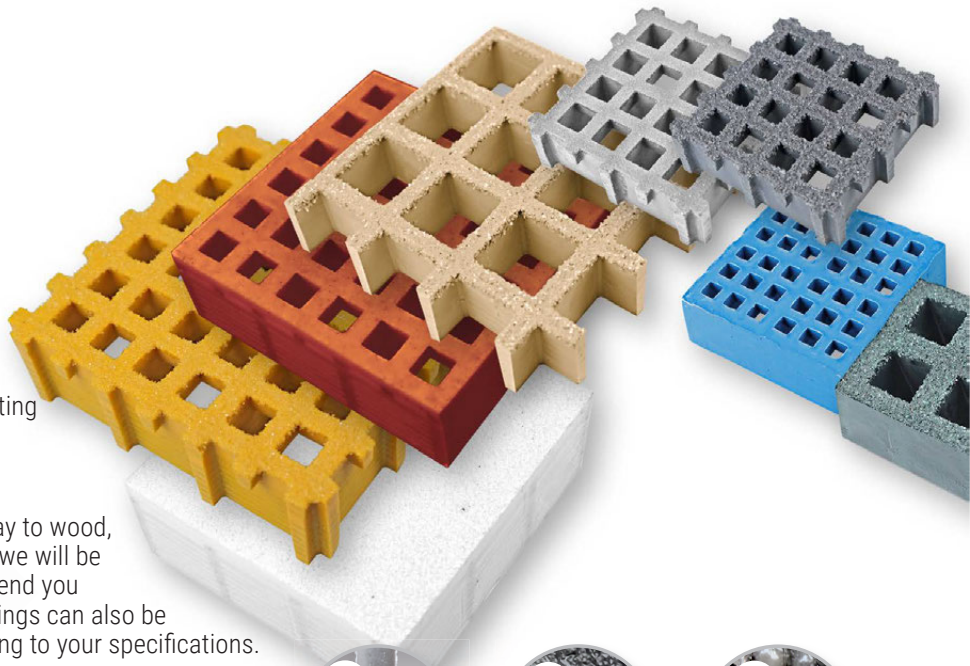
All gratings are completely coloured through. Our standard colour is grey, similar to RAL 7042. However, we are also happy to produce your grating in the colour of your choice.

How can the grating be cut to size?

As our gratings can be processed in a similar way to wood, you can easily cut them to size on site (we will be happy to send you on site (we will be happy to send you processing instructions). Alternatively, your gratings can also be cut to size according to your production according to your specifications.

How is the grating fixed?

Thanks to our comprehensive range of accessories, the secure fastening of gratings is no problem. We recommend fixing each grating at at least four points.

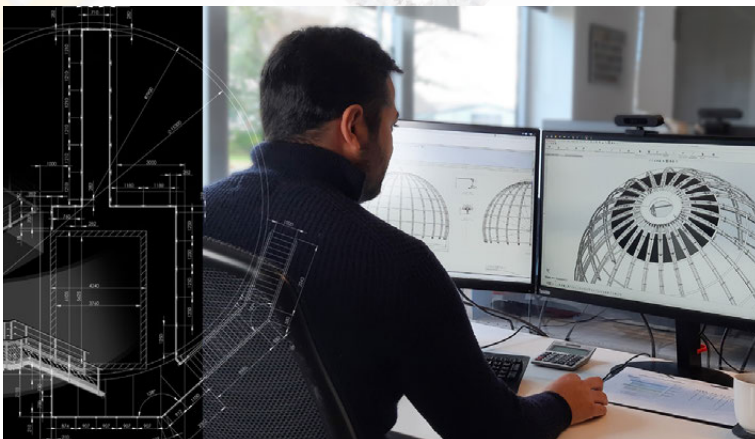


COMPLETE BAR SYSTEMS MADE OF GRP



Not only the decking but also complete feeders, access bridges or box dividers (finger bars) can be made of GRP, so that this area also becomes virtually maintenance-free.

Fibrolux has been producing the profiles for the load-bearing structure for over 30 years and today has Europe's largest range of GRP profiles.



Every day, GRP constructions made of profiles and gratings are created for industry and infrastructure customers in the company's own design department.

Your new walkway is created as a three-dimensional computer model in order to generate the machining specifications for our production.

As a result, you will receive all profiles and gratings machined to fit exactly, so that you only have to connect them together on site according to the assembly instructions.

If you do not want to carry out the assembly yourself, we will be happy to help you find an assembly partner.

About Fibrolux

Since 1979 Fibrolux with its 250 employees has been your partner for fibre composite solutions.

The company, based in Hofheim near Frankfurt, produces fibre composite profiles and gratings and creates GRP constructions in its own design department.

From the central warehouse near Frankfurt am Main, the products are delivered to customers throughout Europe.



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