

## Recycled plastic boards



### High Quality

- Weatherproof
- Rotproof
- Moisture repellent
- Easy to clean
- Resilient, load-bearing

### Economic

- Long service life span
- Resistant to oils, alkalis, acids and salt water
- Easy to process (drilling, sawing, milling, screwing and more)
- Suitable for both indoor and outdoor use

### Sustainable

- The boards are made from 100% recycled Swiss plastic waste and are produced in Switzerland
- Additives are not added, the boards are free from resins and adhesives
- At the end of the life cycle, the boards can be recycled again

### Competence

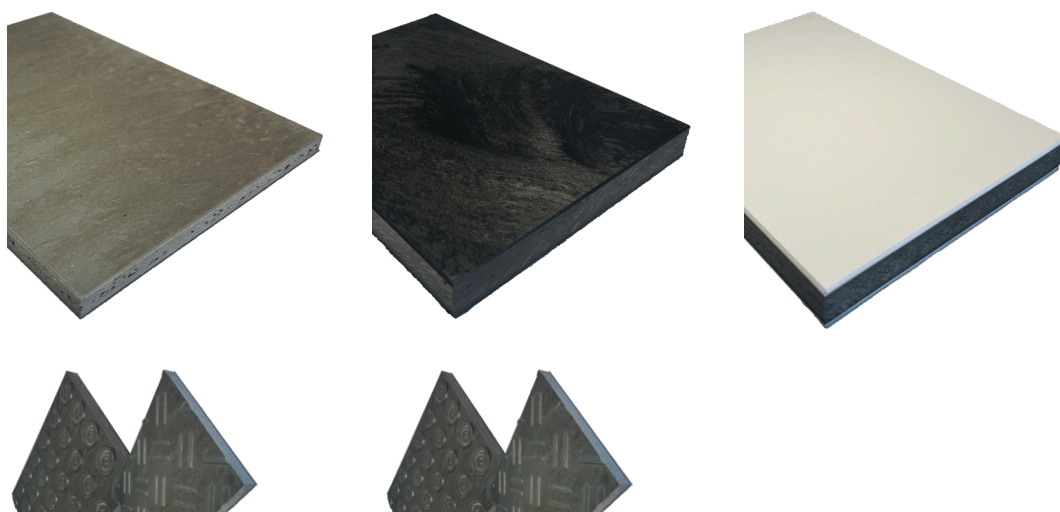
- Our production technology is proprietary and patented
- We agglomerate our raw material ourselves, including quality assurance
- Customer specifications are guaranteed with our own R&D expertise
- We also offer the manufacturing of our boards to products

Calculate yourself your contribution to achieve the climate targets (CO<sub>2</sub> reduction, avoidance of crude oil consumption) and plastic waste recycling when using our boards (in German):

[www.upboards.ch/nachhaltigkeitsrechner](http://www.upboards.ch/nachhaltigkeitsrechner)



## Our boards



	MK	PP	Sandwich
<b>MATERIAL</b>			
100% recycled core	Mixed plastic waste / MK	Polypropylen Mix / PP	Mixed plastic waste / MK
Skin	None	None	ABS/PMMA or HPL
Colour	Standard: grey, black. Others on request.	Black	Skin: all colours Core: grey
Surface structure	Standard; nubbed or ribbed structure. Others on request.		On request
<b>FORMATS</b>			
Size	2440 x 1220 mm (+/-2.0 mm/m)	2440 x 1220 mm (+/-2.0 mm/m)	2440 x 1220 mm (+/-2.0 mm/m)
Thickness	10 to 35 mm (+/-1.0 mm)	8 to 35 mm (+/-1.0 mm)	16 to 35 mm (+/-1.0 mm)
<b>CHARACTERISTICS</b>			
Young's modulus	1300 MPa	1300 MPa	1300 MPa
Flexural strength	175 MPa	30 MPa	175 MPa
Raw density	Ca. 930 kg/m <sup>3</sup>	Ca. 930 kg/m <sup>3</sup>	Ca. 930 kg/m <sup>3</sup>
Operating temperature	-20° to 80°	-20° to 80°	10° to 40°
Length expansion	0.126 mm/m/K	0.117 mm/m/K	0.12 mm/m/K
Hardness Shore D	63	72	Skin type dependent
UV protection*	Yes*	Yes*	Yes*
Fire protection**	Normally flammable**	Normally flammable**	Normally flammable**
Imprintability	Yes	Yes	Yes

Due to the recycling process, the characteristics are approximate. The surface, colour, size, and mechanical values may vary. The mixed plastic waste used for production is professionally prepared and used by our production process, resulting in a high degree of ecological compatibility.

\* UV protection: contact us for specific information for your use case.

\*\* Fire protection class UL-94 V0 can be ordered on request (addition of additive).