

25 YEARS OF
GUARANTEE

The best of both worlds

Bruggan woodfibre boards consist of at least 60% recycled hardwood and 30% pure HDPE polymer. They also contain various stabilising additives that give the material durability and resistance to environmental influences.

Bruggan is made exclusively from recycled hardwood fibre, which is dried to a specific moisture level.



A beautiful wood grain and colour that run right through the board.
This makes every Bruggan Multicolor board unique and comparable to wood.

Unique texture
like natural wood

Solid board

can be worked like wood,
no further finishing needed



Through-and-through wood grain
for a beautiful finish all round





The **Bruggan** range differs from standard composites in that it contains no softwood, which contains resin and tannins.

The quality control process is strict and covers everything from receipt of the raw materials to the inspection of every batch of products manufactured. In addition, Bruggan material is 100% recyclable.

Unique surface

The Bruggan Multicolor board has a renewable surface. This means that any scratch or stain can easily be removed from the surface of the board with ordinary sandpaper.



Fire classification: B
(Bs1d0) EN 13501-1:2019-02

WEIGHT AND DIMENSIONS

Dimensions (W x L x T)	120/140/160x19x3000mm
Board weight, kg	5,7/6,7/7,8
Boards per 1 m ²	3,79/3,25/2,84
Weight per m ²	22 kg



Specifications

MV = arithmetic mean
SV = most critical individual value
The range complies with DIN EN ISO 15534-1/-4

1) = Value taken from the manufacturer's technical conditions (specifications or guidelines)

Test items	Test results MV/SV		Requirements MV/SV	Test method
Density, kg/m ³ , not less than	1,3			
Weight per unit length, g/m	3100 / 3200		3200 ')	EN 15534-1:2014 + A1:2017, Sections 6.5 and 6.6
Deviation from straightness, mm	0,3 / 0,4		< 0,5 ')	EN 15534-4: 2014, Section 4.4
Deformation, mm	0,1 / 0,2		< 3 ')	
Impact strength, mm (falling mass test)	Widest visible cracks on the surface	No cracks	no cracks	EN 15534-1:2014 + A1:2017 EN 15534-4:2014, Section 4.5.1
	Maximum depth Indentation of the material	0 / 0,1	< 0,5	
Slip resistance	Nominal group C > 30°		Nominal group C > 24°	EN 15534-1:2014 + A1:2017, Section 6.4.3 EN 15534-4:2014, Section 4.4
Flexural modulus	Deflection s	6,3 / 6,7	< 10 / < 13	EN 15534-1:2014 + A1:2017 EN 15534-4:2014, Section 4.5.3
	Residual deflection sr	4,6 / 4,8	< 5	

	Resistance to weathering				
	ΔL^*	Δa^*		Δb^*	EN 15534-1:2014 + A1:2017, Section 8.1 EN 15534-4: 2014, Section 4.5.5
Colour change	6,2	0,3	-1,7	- / - / -	
Moisture resistance under cyclic climatic loads, %	3,6 / 8,9				EN 15534-1:2014 + A1:2017, Section 8.3.2 EN 15534-4: 2014, Section 4.5.3
	Cold water immersion test, %:				
Change in thickness	0,8 / 0,9				EN 15534-1:2014 + A1:2017, Section 8.3.1
Change in width	0,7 / 0,9				EN 15534-4:2014, Section 4.5.5
Change in length	0,1 / 0,3				
Change in weight	0,4 / 1,0				
Boiling water test: Weight change, %	0 / 0,2				EN 15534-1:2014 + A1:2017, Section 8.3.3
	0,4 / 1,0				
	Coefficient of linear thermal expansion:				
Linear coefficient of thermal expansion; longitudinal direction	Single value 36,4 x 10-6				EN 15534-4:2014, Section 4.5.5
Linear thermal expansion; transverse direction	Single value 127 x 10-6				EN 15534-1:2014 + A1:2017, Section 9.2 EN 15534-4: 2014, Section 4.5.6
Load-bearing capacity at a support spacing of 366 mm, kgf.	410				2014 + A1:2017