

Technical Data Sheet

BIOWERT TERRACE FLOORING



Manufacturer	Biowert Industry GmbH, Brensbach
Description	Biowert Terrace Flooring
Available Colours	Natural, Brown, Black

Product Features	Test Standard	Unit	Value
Percentage of Natural Fibres cellulose from meadow grass		%	75
Polymer		Type	Polyolefin
Profile Width		mm	145
Profile Thickness		mm	21
Weight per Linear Metre		kg/lm	2.7
Breaking Strength with substructure crossbeams at an axial distance of 350mm	DIN EN 310 Three-point Bending	N	> 3200
Slip Resistance	DIN 51097 wet barefoot area	Quality Level	C (highest quality)
Fire Behaviour of materials used	IEC/EN 60695-2-12 GWFI (glow wire flammability index)	°C	750
Test for Harmful Substances (heavy metals) of materials used	DIN EN 71-3 migration of certain 19 elements		passed
Moisture Resistance swelling after 5h in boiling water	DIN EN 1087-1	%	
Change in Weight		%	< 4
Dimensional Change in Length		%	< 0.3
Dimensional Change in Width		%	< 0.2
Dimensional Change in Thickness		%	< 2
Appearance/Colour Stability	Because of the high percentage of natural fibres, weather conditions can have an effect on the colour.		
Environmental Impact	This product contains no environmentally harmful substances.		
Tested for Harmful Substances	AgriPlast NFPP 7525 /400 LM was tested in an accredited laboratory according to the European standard EN 71 part 3. The migrations of 19 elements were tested, including heavy metals such as lead, arsenic and mercury. For all 19 elements the migrations are under the approved limits, and for eight elements even below the limit of determination. The tested AgriPlast [®] therefore fulfils the rigorous European «Toy Safety Standard».		
Disposal/Recycling	Biowert Terrace Flooring is 100% recyclable. Use in thermal recycling is also possible. Disposal must be made according to local regulations, e.g., recycling centres.		
Construction Information	Biowert Terrace Flooring may not be used as a load-bearing component, for example, as balcony flooring on joists without a substructure. A structurally measured, closed, and supporting underlying construction is required.		