

- 1) Product name:
Powerplex Bio
- 2) Unique identification code of the product type:
POWEFBIO
- 3) Intended use:
Humid conditions / protected exterior
- 4) Manufacturer / authorised representative:
Houtwerf BV, Produktieweg 62-70, 2382 PD Zoeterwoude, The Netherlands
- 5) Certification (system of assessment and verification of constancy of performance):
CE-2+ / EUTR
- 6) Declared performance:

Essential characteristics	Harmonised technical specification		Performance (15 mm)	
Tolerance	EN 315			
Bonding quality	EN 636-1/2		Class 2 (organic glue)	
Density	EN 323		+/- 599 kg/m ³	
Moisture content	EN 322		+/- 13,7%	
Bending strength	EN 310	Longitudinal grain	Panel average	45.2 N/mm ²
			Standard deviation	4.2 N/mm ²
		Cross grain	Panel average	43.1 N/mm ²
			Standard deviation	2.8 N/mm ²
Modulus of elasticity	EN 310	Longitudinal grain	Panel average	5696 N/mm ²
			Standard deviation	267.3 N/mm ²
		Cross grain	Panel average	5060 N/mm ²
			Standard deviation	499.1 N/mm ²
Determining the resistance to tension perpendicular to the plane of the board	EN 319		No performance declared	
Swelling in thickness	EN 317		No performance declared	
Formaldehyde emissie	EN 717-2 / ISO 12460-3		0%	
Reaction to fire	EN 13501-1		D-s2, d0	
Water vapour permeability μ	EN 12524		Wet cup - 70 / Dry cup - 200	
Airborne sound insulation	EN 13986 5.10.		R = 13 x 1g (m _A) + 14	
Sound absorption	EN 13986, table 10		0,10 / 0,30	
Thermal conductivity λ	EN 13986, table 11		0,13 W/(m.K)	
Determining mechanical properties	EN 789		No performance declared	
Determination of duration of load and creep factors	EN 1156 of ENV 1995-1-1		No performance declared	
Biological durability	EN 335		Class 2	
Content of PCP	CEN/TC 38		< 5 ppm	

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer/authorized representative referred to in point 4.

Signed for and on behalf of the manufacturer / authorized representative by:



Name: P.F. Verbeek
Zoeterwoude