

- 1) Product name:
Powerplex Pure (plywood)
- 2) Unique identification code of the product-type:
POWIF / POWEF
- 3) Intended use:
Dry conditions / protected exterior conditions
- 4) Manufacturer / authorized representative:
Houtwerf BV, Produktieweg 62-70, 2382 PD Zoeterwoude, The Netherlands
- 5) Certification (system of assessment and verification of performance):
CE-2+ / EUTR
- 6) Declared performance:
0407-CPD-429
- 7) Harmonized technical specification:
13986
- 8) Essential characteristics and performances:

Essential characteristics	Technical specification		Performance (18 mm)
Tolerance	EN 315		0,6 mm
Bonding quality	EN 314-2, class 1 EN 314-2, class 2		EN 636-1 dry conditions EN 636-2 protected exterior conditions
Density	EN 323		+/- 571 kg/m ³
Moisture content	EN 322		+/- 16%
Bending strength	EN 310		53,6 N/mm ²
Modulus of elasticity	EN 310		4832 N/mm ²
Bonding	EN 314-1	Shear strength Standard deviation Wood failure ratio	0,97 N/mm ² 0,107% 96%
Determining the resistance to tension perpendicular to the plane of the board	EN 319		No performance determined
Swelling in thickness	EN 317		No performance determined
Formaldehyde emissie	EN 717-2		0,35 mg/m ² h
Formaldehyde emission by the chamber method	EN 717-1		Klasse B (70 ug/m ³)
Reaction to fire	EN 13501-1	Minimum 400 kg/m ³ + minimum 9 mm	D-s2, d0
Water vapour permeability (μ)	EN 12524	Minimum 500 kg/m ³	Wet cup - 70 / Dry cup - 200
Airborne sound insulation	EN 13986 5.10.		R = 13 x 1g (m _A) + 14
Sound absorption (α)	EN 13986, table 10		0,10 / 0,30
Thermal conductivity (λ)	EN 13986, table 10 Mean density 500 kg/m ³		0,13 W/(m.K)
Determination mechanical properties	EN 789		No performance determined
Determination of duration of load and creep factors	ENV 1156 or ENV1995-1-1		No performance determined
Biological durability	EN 335		Class 2
Content of PCP	CEN/TC 38		< 5 ppm

The performance of this product is in conformity with the 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