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Declaration of Performance
DOP NO. 4-17-CE2+

1. Unique identification code of the product-type:

PINE PLYWOOD EN 636-2 S

Grades C+/C CE2+ and C/C CE2+
Layups with 2.6mm faces/backs.

2. Intended uses:

Structural components in dry and humid conditions.
Structural wall sheathing on studs in dry and humid conditions.
Structural roof decking on joists and floor decking on joists in dry and humid conditions.

3. Manufacturer:

Indústria de Compensados SUDATI Ltda.
Av. Presidente Getúlio Vargas, 1638
Palmas, PR 85555-000 BRAZIL
Tel. +55-46 3263-8400
e-mail: fabiano@sudati.com.br

Available from:
IBAITI mill
VENTANIA mill

4. Authorised technical representative:

Mr. Duncan King
Ashford Associates
18 Pear Tree Close, Alderholt, Fordingbridge, Hants SP6 3ER, United Kingdom
Tel: +44 (0)1425-656269
e-mail: duncanking@ashfordassociatesuk.com

5. System of assessment and verification of constancy of performance (AVCP):

System 2+

6. Harmonised standard:

EN 13986:2004+A1:2015

Notified Body:

1034 - HFB Engineering GMBH of Leipzig, Germany.

Certificates:

Ibaiti mill: 1034-CPR-12983/1/2017 dated 2nd March 2017.
Ventania mill: 1034-CPR-1645/1/2017 dated 2nd March 2017.

Panel marking example:

CE 1034 SUDATI - IBAITI 17 DOP NO 4-17-CE2+ EN 13986:2004+A1:2015 BOND CLASS 3 E1
PINE PLYWOOD EN 636-2 S 18 MM STRUCTURAL COMPONENTS ROOF DECKING

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DOP NO. 4-17-CE2+

7. Declared performance:

a. General

Essential characteristics	Declared performance	Technical Specification
Bond quality	Class 3 (phenolic)	EN 314-1/2
Biological durability	Class 2	EN 335 / EN 1099
Mean density ρ	> 550 kg/m³	EN 323
Release of formaldehyde	E1	EN 13986 Annex B Note 2
Reaction to fire	D-s2, d0 (Flooring - DFL-s1)	EN 13986 Table 8
Water vapour permeability μ	Wet cup - 70 / Dry cup - 200	EN 13986 Table 9
Sound absorption coefficient	0,10 / 0,30	EN 13986 Table 10
Thermal conductivity λ	0,13 W/(m.K)	EN 13986 Table 11
Content of pentachlorophenol	< 5 ppm	EN 13986 Part 5.18

b. For use as STRUCTURAL COMPONENTS in dry and humid conditions

Essential characteristics		Declared performance		Technical Specification	
Characteristic values (L5%)		See below per Type		EN 12369-2	
Product types		9mm 3ply	12mm 5ply	15mm 5ply	18mm 7ply
Strength (N/mm2)	Parallel ||	25,0	20,0	15,0	20,0
	Perpen. _|_	5,0	10,0	10,0	10,0
Stiffness (N/mm2)	Parallel ||	4.000	4.000	3.000	4.000
	Perpen. _|_	500	1.000	1.000	1.500

c. For use as STRUCTURAL WALL sheathing on studs in dry and humid conditions

Essential characteristics	Declared performance	Technical Specification
Soft body impact resistance	Fulfilled from Type 12mm	EN 12781

d. For use as STRUCTURAL ROOF and FLOOR decking on joists in dry and humid conditions

Essential characteristics		Declared performance				Technical Specification			
Under point load		See below per Type				EN 12781			
Product types		12mm 5ply		15mm 5ply			18mm (or thicker) 7ply (at least)		
Edge support		S/E	S/E	S/E	T&G	T&G	S/E	T&G	T&G
Spacing (mm)		450	600	450	450	810	600	600	1220
Strength (N)	Fmax	5.024	2.941	5.227	4.409	2.705	7.680	5.836	2.630
	Fser	2.940	2.225	3.942	3.069	1.834	4.362	3.116	2.488
Stiffness (N/mm)	Rmean	345	233	510	423	172	580	435	114

The performance of the product identified above is in conformity with the set of declared performance's. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Bartolomeu da Silva Neto, Technical Director
In Palmas, PR on 2nd March 2017.