



HFB ENGINEERING GMBH

TEST LABORATORY FOR CONSTRUCTION MATERIALS AND ELEMENTS
NOTIFIED BODY (REFERENCE- No. 1034)
Zschortauer Straße 42 • 04129 Leipzig • Germany

CERTIFICATE OF FACTORY PRODUCTION CONTROL

CE Nr. 1034 - CPD - 1645/1/08

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction products

"SUDPLY / Enviroply" Pine Plywood

according to the performance characteristics for wood-based panels for use in construction, as presented on page 2 and 3 of this certificate

produced by the manufacturer

**Industria de Compensados Sudafi Ltda.
Rod. do Cerne PR 090, Km 60.3, Barro Preto
84354-000 - Ventania - PR
Brazil**

in the factory

**Industria de Compensados Sudafi Ltda.
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are submitted by the manufacturer to the initial type-testing of the product and a factory production control and that the approved body HFB has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control (system 2⁺). This certificate attests that all provisions concerning the attestation of factory production control described in Annex ZA of the standard

EN 13986 : 2004

were applied.

This certificate was first issued on July 14th, 2008 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

The validity of this certificate will be confirmed by the certification report issued every six month by the certification laboratory.

Leipzig, July 14th, 2008



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Dipl.- Ing. L. Röwer
Head of Certification Laboratory

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Plywood Products:

Panel type/ Plant designation			EN 13986; Performance characteristics required for wood-based panels for use in construction				
"SUDPLY / Enviroply"			Wood-based panels for internal use as structural components in		Wood-based panels for internal use as structural floor and roof decking on joists and as structural wall sheathing on studs		
No.	Thickness	Plies	dry conditions	humid conditions	Floor decking on joists	Roof decking on joists	Wall sheathing on studs
			tab. 4.1	tab. 4.2	tab. 4.7		
1	9.0 mm	3ply	✓	✓	–	–	–
2	12.0 mm	4ply	✓	✓	–	–	–
3	12.5 mm	5ply	✓	✓	–	–	–
4	15.0 mm	5ply	✓	✓	–	–	–
5	18.0 mm	7ply	✓	✓	–	–	–
6	21.0 mm	7ply	✓	✓	–	–	–
7	24.0 mm	9ply	✓	✓	–	–	–
8	27.0 mm	9ply	✓	✓	–	–	–
9	30.0 mm	11ply	✓	✓	–	–	–
10	9.0 mm	3ply	✓	✓	–	–	–
11	11.0 mm	3ply	✓	✓	–	–	–
12	12.0 mm	4ply	✓	✓	–	–	–
13	15.0 mm	5ply	✓	✓	–	–	–
14	18.0 mm	5ply	✓	✓	–	–	–
15	18.0 mm	6ply	✓	✓	–	–	–
16	21.0 mm	7ply	✓	✓	–	–	–
17	24.0 mm	8ply	✓	✓	–	–	–
18	27.0 mm	9ply	✓	✓	–	–	–
19	30.0 mm	10ply	✓	✓	–	–	–



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Plywood Products:

Panel types			Wood species		Veneer thickness		
No.	Thickness	Plyes	Outer layers	Inner plies	Face, Back	Centers	Crossbands
1	9.0 mm	3ply	pinus elliottii > 650 kg/m ³	pinus elliottii, pinus taeda > 420 kg/m ³	2.7 mm	-	3.7 mm
2	12.0 mm	4ply					3.7 mm
3	12.5 mm	5ply					2.7 mm
4	15.0 mm	5ply				2.7 mm	3.7 mm
5	18.0 mm	7ply					2.7 mm
6	21.0 mm	7ply					3.7 mm
7	24.0 mm	9ply					3.1 mm
8	27.0 mm	9ply					3.7 mm
9	30.0 mm	11ply					3.1 mm
10	9.0 mm	3ply	pinus elliottii > 650 kg/m ³	pinus elliottii, pinus taeda > 420 kg/m ³	3.1 mm		-
11	11.0 mm	3ply				4.6 mm	
12	12.0 mm	4ply				3.1 mm	
13	15.0 mm	5ply				3.1 mm	3.1 mm
14	18.0 mm	5ply					4.6 mm
15	18.0 mm	6ply					3.1 mm
16	21.0 mm	7ply					3.1 mm
17	24.0 mm	8ply					3.1 mm
18	27.0 mm	9ply					3.1 mm
19	30.0 mm	10ply					3.1 mm

