

CERTIFICATE OF APPROVAL

Industria de Compensados Guararapes Ltda

Palmas, Paraná, Brazil
Mill No. 252

In recognition of its compliance with PFS TECO's policies, the manufacturer listed above is granted permission to manufacture the following product and represent them as Certified to the following standards:

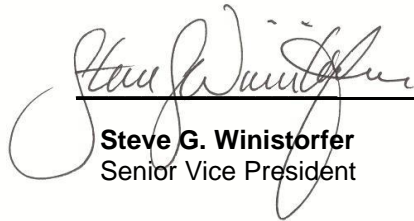
Standard: Voluntary Product Standard PS 1, *Structural Plywood*

Issuing Body: U.S. Department of Commerce, National Institutes of Standards and Technology

Standard: CSA O325-16, *Construction sheathing*

Issuing Body: Canadian Standards Association (CSA Group)

Certifying Agency: In accordance with the above, PFS TECO has been approved as a Certification Agency through the Standards Council of Canada under ISO/IEC 17065.



Steve G. Winistorfer
Senior Vice President

Revision Date of Certificate: 26 September 2018

The validity of this certificate can be confirmed by visiting <http://www.pfsteco.com/clients>.
This listing is property of PFS TECO and must be surrendered on failure to meet the minimum requirements of the applicable Standards.

LIST OF CERTIFIED PRODUCTS

Industria de Compensados Guararapes Ltda

Palmas, Paraná, Brazil

Mill No. 252

The manufacturer has demonstrated compliance with PFS TECO's policies and is an approved manufacturer of the listed products.

Structural Plywood

PFS TECO Grade	PS 1 Grade ¹	Bond Classification	Group Class / Span Rating	PS 1 Performance Category
-	A-B	Exterior	Group 1, Group 2	1/2, 19/32, 23/32, 31/32
	A-C, B-C			11/32, 15/32, 1/2, 19/32, 23/32, 31/32
	B-B O & ES			19/32, 23/32
	B-C MDO			
-	C-C Plugged	Exterior	Group 1, Group 2	1/2
			Group 1, Group 2 / 20oc	19/32
			Group 1, Group 2 / 24oc	23/32
Floor Span [®]	C-D Plugged	Exposure 1	20oc	19/32
			24oc	23/32
			48oc	1-1/8, 1-3/16
Sheathing Span [®]	C-C	Exterior	24/0	3/8
	C-D, D-D	Exposure 1		
	C-C	Exterior	32/16	15/32, 1/2
	C-D, D-D	Exposure 1		
	C-C	Exterior	40/20	19/32, 5/8
	C-D, D-D	Exposure 1		
	C-C	Exterior	48/24	23/32
	C-D, D-D	Exposure 1	48/24	23/32, 7/8, 31/32

LIST OF CERTIFIED PRODUCTS

Industria de Compensados Guararapes Ltda

Palmas, Paraná, Brazil

Mill No. 252

The manufacturer has demonstrated compliance with PFS TECO's policies and is an approved manufacturer of the listed products.

CSA O325 Approved Products

Panel Mark	Thickness, mm
2R24	9.0
2R32 / 2F16	12.5
2R40 / 2F20	15.0
2R48 / 2F24	18.0
1F24	18.0

CERTIFICATE OF PS 1 APPROVAL

Industria de Compensados Guararapes Ltda

Santa Cecília, Santa Catarina, Brazil

Mill No. 352

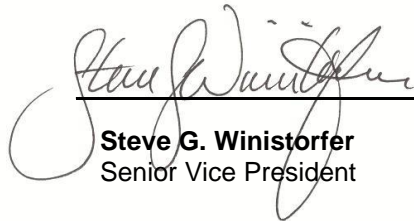
In recognition of its compliance with PFS TECO's policies, the manufacturer listed above is granted permission to manufacture the following product and represent them as Certified:

Structural Plywood

Standard(s): Voluntary Product Standard PS 1, *Structural Plywood*

Issuing Body: U.S. Department of Commerce, National Institutes of Standards and Technology

Certifying Agency: In accordance with the above, PFS TECO has been approved as a Certification Agency through the Standards Council of Canada under ISO/IEC 17065.



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LIST OF CERTIFIED PRODUCTS

Industria de Compensados Guararapes Ltda

Santa Cecília, Santa Catarina, Brazil

Mill No. 352

The manufacturer has demonstrated compliance with PFS TECO's policies and is an approved manufacturer of the listed products.

Structural Plywood

PFS TECO Grade	PS 1 Grade	Bond Classification	Group Class/ Span Rating	Category
-	A-A, A-B, A-C, B-B, B-C	Exterior	Group 1, Group 2	23/32
	B-B O & ES			
	B-D	Exposure 1		
	A-A, A-B, A-C, B-B, B-C	Exterior	Group 1, Group 2	1/2, 19/32
Floor Span®	C-C Plugged	Exterior	24oc	23/32
	C-D Plugged	Exposure 1		
Sheathing Span®	C-D, D-D	Exposure 1	32/16	1/2
			40/20	19/32, 5/8
			48/24	23/32, 7/8, 31/32