

PFS TECO Springfield Laboratory

5250 Highbanks Road, Suite 200

Springfield, OR 97478 USA

Phone 541-636-4687

www.pfsteco.com



CARB Secondary Method Test Report

Client 3-558

Report# 20-SM-041

Parfino Plywood Factory
Parfino, Novgorod Region,
Russia

Purpose: Annual Surveillance
Methodology: Section 93120.9 (a) (2) from Title 17,
California Code of Regulations

Product Information

Description:	HWPW-VC FK - Urea Formaldehyde Glue CF-ES	Sampling by:	Sampled by Client (Report Attached)
Surface Treatment:	Sanded	Packaging:	Wrapped in Plastic
Thickness:	12 mm	PFS TECO Specimen Code:	3-558 27.05.2020 1.1 - 1.9
Sample size (received):	200 x 200 mm	Batch/Lot Number:	Unspecified
Number of specimens:	9	Date manufactured:	26 May 2020
		Date sampled:	27 May 2020

Summary of Results

Small Chamber Test #	Formaldehyde Emission		Average Emission
	Calculated	Final Reported	
20-SC-237	0.021 ppm	0.02 ppm	0.02 ppm
20-SC-238	0.031 ppm	0.03 ppm	
20-SC-239	0.020 ppm	0.02 ppm	

Evaluation

Criteria: CARB Phase 2 emission limit = 0.05 ppm

Decision: Passed

Prepared by:

Conner O'Brien
Conner O'Brien
Formaldehyde Lab Technician
2 July 2020

Authorized by:

Zhaozhen Bao
Zhaozhen Bao, Ph. D.
Senior Scientist
2 July 2020

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CARB Secondary Method Test Report

Client 3-558

Report# 20-SM-042

Parfino Plywood Factory
Parfino, Novgorod Region,
Russia

Purpose: Annual Surveillance
Methodology: Section 93120.9 (a) (2) from Title 17,
California Code of Regulations

Product Information

Description:	HWPW-VC FSF - Phenol Formaldehyde Glue FenoLam GR-326T34	Sampling by:	Sampled by Client (Report Attached)
Surface Treatment:	Sanded	Packaging:	Wrapped in Plastic
Thickness:	12 mm	PFS TECO Specimen Code:	3-558 08.06.2020 1.1 - 1.9
Sample size (received):	200 x 200 mm	Batch/Lot Number:	Unspecified
Number of specimens:	9	Date manufactured:	5 June 2020
		Date sampled:	8 June 2020

Summary of Results

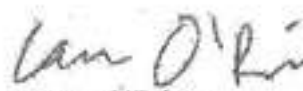
Small Chamber Test #	Formaldehyde Emission		Average Emission
	Calculated	Final Reported	
20-SC-246	0.004 ppm	<0.01 ppm	0.01 ppm
20-SC-247	0.005 ppm	0.01 ppm	
20-SC-248	0.009 ppm	0.01 ppm	

Evaluation

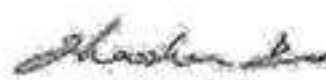
Criteria: CARB Phase 2 emission limit = 0.05 ppm

Decision: Passed

Prepared by:


Conner O'Brion
Formaldehyde Lab Technician
2 July 2020

Authorized by:


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Senior Scientist
2 July 2020

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CARB Secondary Method Test Report

Client 3-558

Report# 20-SM-033

Parfino Plywood Factory
Parfino, Novgorod Region,
Russia

Purpose: Annual Surveillance/ULEF Renewal
Methodology: Section 93120.9 (a) (2) from Title 17,
California Code of Regulations

Product Information

Description:	HWPW-VC FK – Urea Formaldehyde Glue CF-ES	Sampling by:	Sampled by Client (Report Attached)
Surface Treatment:	Sanded	Packaging:	Wrapped in Plastic
Thickness:	18 mm	PFS TECO Specimen Code:	3-558 14.05.2020 1.1-1.9
Sample size (received):	300 x 300 mm	Batch/Lot Number:	Not Specified
Number of specimens:	9	Date manufactured:	03 May 2020
		Date sampled:	14 May 2020

Summary of Results


Small Chamber Test #	Formaldehyde Emission		Average Emission
	Calculated	Final Reported	
20-SC-202	0.019 ppm	0.02 ppm	0.02 ppm
20-SC-203	0.018 ppm	0.02 ppm	
20-SC-204	0.019 ppm	0.02 ppm	

Evaluation

Criteria: CARB Phase 2 emission limit = 0.05 ppm

Decision: Passed

Prepared by:


Conner O'Brion
Formaldehyde Lab Technician
11 June 2020

Authorized by:


Zhaozhen Bao, Ph. D.
Senior Scientist
16 June 2020

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CARB Secondary Method Test Report

Client 3-558

Report# 20-SM-034

Parfino Plywood Factory
Parfino, Novgorod Region,
Russia
Purpose: Annual Surveillance/ULEF Renewal
Methodology: Section 93120.9 (a) (2) from Title 17,
California Code of Regulations

Product Information

Description:	HWPW-VC FSF – Phenol Formaldehyde Glue Primere 14J400	Sampling by:	Sampled by Client (Report Attached)
Surface Treatment:	Sanded	Packaging:	Wrapped in Plastic
Thickness:	18 mm	PFS TECO Specimen Code:	3-558 14.05.2020 1.1-1.9
Sample size (received):	300 x 300 mm	Batch/Lot Number:	Not Specified
Number of specimens:	9	Date manufactured:	13 May 2020
		Date sampled:	14 May 2020

Summary of Results

Small Chamber Test #	Formaldehyde Emission		Average Emission
	Calculated	Final Reported	
20-SC-205	0.004 ppm	<0.01 ppm	<0.01 ppm
20-SC-206	0.002 ppm	<0.01 ppm	
20-SC-207	0.003 ppm	<0.01 ppm	

Evaluation

Criteria: CARB Phase 2 emission limit = 0.05 ppm

Decision: Passed

Prepared by:

Conner O'Brien
Formaldehyde Lab Technician
11 June 2020

Authorized by:

Zhaozhen Bao, Ph. D.
Senior Scientist
16 June 2020