



**PRODUCT:** *FinPan ProPanel*  
**DIVISION:** WOOD, PLASTICS, AND COMPOSITES (06)  
**SECTION:** Moisture-Resistant Sheathing Board (061653)

**Report Holder**  
FinPan, Inc.  
3255 Symmes Road  
Hamilton, Ohio 45012  
Ph: 513 870-9246

**Manufacturing Location(s)**  
Tianjin Top Guard  
No. 13 Yau Gin Road  
Tianjin, China

1. **SUBJECT**  
FinPan ProPanel™

2. **SCOPE**

NTA, Inc. has evaluated the following properties of the above product(s):

- ANSI A 118.10 Section 4.5 Waterproofness  
Testing : in accordance with the Hydrostatic Pressure Test in ASTM D 4068, annex A2
- ASTM C 273 Shear Strength
- ASTM G 21 Resistance to Fungi
- ASTM G 22 Resistance to Bacteria
- ASTM D 1037 Section 15 Fastener Head Pull Through
- ASTM C 203 Flexural Strength
- ASTM C 1623 Tension Strength
- ASTM D 1621 Compressive Strength
- ASTM E 84

3. **DESCRIPTION**

**3.1 General**

T Clear ProPanel™ Boards have an overall average thickness of 0.50-in.. The core material is sandwiched between two layers of fiberglass mesh and polymer-modified mortar.

**3.2. Materials**

**3.2.1. Core.** The core material is expanded polystyrene foam plastic. The foam plastic core has a nominal density of 2.0 pcf.

**3.2.3. Standard Fasteners.** Fasteners used during the fastener head pull-through testing were 1.5-in. long round-top ring shank nail and washer and PrimeGuard Plus Deck screw and washer

4 **General**

4.1 Table 1 summarizes the properties evaluated. Values are average results, no factor of safety is applied. The Specifier shall verify values are appropriate for end use.

4.2 The FinPan ProPanel is manufactured in the production facility noted in this report. The material after import is under a quality control program approved by NTA, Inc.

5 **EVIDENCE SUBMITTED**

NTA, Inc. has examined the following evidence to evaluate this product:

5.1 Review of quality assurance manual.

5.2 Plant certification inspection of manufacturer's distribution facilities, test procedures, frequency and quality control sampling methods, test equipment and equipment calibration procedures, test records, dates and causes of failures when applicable.

5.3 Qualification tests per ANSI A 118.10, ASTM C 273, ASTM G 21, ASTM G 22, ASTM D 1037, ASTM C 203, ASTM C 1623, ASTM D 1621, and ASTM E 84.

5.4 Follow-up quality assurance audits of the distribution facility

5.5 Follow-up testing in accordance with NTA, Inc. listing procedures.

Evaluation evidence and data are on file with NTA, Inc. NTA, Inc. is accredited by the International Accreditation Service (IAS) as follows:

*ISO17020 Inspection Agency (AA-682)*

*ISO17025 Testing Laboratory (TL-259)*

*ISO Guide 65 Product Certification Agency (PCA-102)*

The scope of accreditation related to testing, inspection or product certification pertain only to the test methods and/or standard referenced therein. Design parameters and the application of building code requirements, such as special inspection, have not been reviewed by IAS and are not covered in the accreditation. Product evaluations are performed under the direct supervision of Professional Engineers licensed in all jurisdictions within the United States as required by the building code and state engineering board rules.

*This listing report is intended to indicate that NTA Inc. has evaluated product described and has found it to be eligible for labeling. Product not labeled as specified herein is not covered by this report. NTA Inc. makes no warranty, either expressed or implied, regarding the product covered by this report.*

**6 FINDINGS**

All panel lots are inspected after manufacture under a Quality Assurance program to insure that the production quality meets or exceeds the requirements noted herein and the criteria as established by NTA, Inc. Furthermore, panels must comply with the conditions of this report.

*This report expires one year from the issue date noted below.*

**7 IDENTIFICATION**

Each eligible panel shall be marked to provide the following information:

- 7.1 The NTA Inc. listing mark, shown below;
- 7.2 NTA's Listing No. TCC042707-6;
- 7.3 Manufacturer's name or trademark;
- 7.4 Product name;
- 7.5 Batch number or production date;



**RESULTS**

A summary of the results for each property evaluated is provided below.

**Table 1**

Property	Results		
ASTM C273 – Shear	Ultimate Shear Strength (lbf)	2% Offset Shear Strength (lbf)	Core Shear Modulus (psi)
	30	27	1026
ASTM G21 – Resistance to Fungi	Rating and Observed Growth on Specimens		
	1 – Traces of Growth (Less than 10%)		
ASTM G22 – Resistance to Bacteria <sup>b</sup>	Observed Growth on Specimens		
	No Growth		
ASTM D1037, Section 15 – Fastener Head Pull Through	Fastener, Moisture Condition		Ultimate Load (lbf)
	Screw, Soaked		110
	Screw, Dry		137
	Nail, Soaked		92
ASTM C203 – Flexure	Maximum Fiber Stress (psi)	Flexural Strength (psi)	Maximum Strain in Outer Fibers (in/in)
	413	415	0.009
ASTM D1623 – Tensile	Tensile Strength (psi)		Percent Elongation (%)
	50		3.2
ASTM D1621 – Compressive	Compressive Strength (psi)		Compressive Modulus (psi)
	30		1233
ANSI A118.10, Section 4.5 – Waterproofness	Wetness Present After 48 Hours		Pass/Fail
	No		Pass
ASTM E 84-06	Flame Spread		Smoke Developed
	46		137

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