

## Large Chamber Sample Size and Shipping Instructions

Large chamber samples should be cut to the following sizes:

### **Loading Ratio 0.13 ft<sup>2</sup>/ft<sup>3</sup> – Particleboard (ANSI A208.1) and Hardwood Plywood Industrial Panels (ANSI/HPVA HP-1)**

- 3 panels @ 48" x 55.5" **or** 3 panels @ 49" x 54.5" **or** equivalent panel surface area;
- Approximately 111 ft<sup>2</sup> of panel surface area needed for testing at 0.13 loading ratio.

### **Loading Ratio 0.08 ft<sup>2</sup>/ft<sup>3</sup> – MDF (ANSI A208.2)**

- 2 panels @ 48" x 51.25" **or** 2 panels @ 49" x 50.25" **or** equivalent panel surface area;
- Approximately 68 ft<sup>2</sup> of panel surface area needed for testing at 0.08 loading ratio.

### **Loading Ratio 0.04 ft<sup>2</sup>/ft<sup>3</sup> – Door Core (ANSI A208.1)**

- Door Core panel size should be determined on a case-by-case basis please contact the ITC if you need help with the sample size calculations.

### **Loading Ratio 0.29 ft<sup>2</sup>/ft<sup>3</sup> – Hardwood Plywood Wall Paneling (ANSI/HPVA HP-1)**

- 6 panels @ 48" x 62" **or** equivalent panel surface area;
- Approximately 248 ft<sup>2</sup> of panel surface area needed for testing at 0.29 loading ratio.

## Shipping Instructions

- Using a marker to label each test panel with an identification code. Do not use stickers on test panels.
- Test panels should be wrapped in 6-mil plastic. Then covered with a top and bottom sheet.
- The ITC recommends wrapping in plastic and cover sheets as the best way to protect samples during shipment.
- Please refer to the sample shipping requirements in ASTM E 1333 section 9.1.
- Refer to diagram on last page for recommendations of strapping samples for shipment. Band panels separate from skids, skids can fall off during shipping.
- Do **not** ship panels on pallets.
- All shipments must be pre-paid.

### **Alternative Shipping Method**

- Test panels may be shipped using UPS, FedEx or other similar shipping service if the panels can be cut and packaged to a weight and size accepted by your carrier of choice.
- i.e. 3 panels 48" x 55.5" could be cut to 6 panels 27.75" x 48". Depending on thickness this could be packaged into 1, 2 or 3 separate packages. Please contact your shipping department to verify acceptable shipping size packages
- Using this method it is required that you use 6-mil plastic to wrap the samples. A lighter material sheet such as heavy cardboard could be used for a cover sheet reducing the weight of the shipped package.
- Please refer to the sample shipping requirements in ASTM E 1333 section 9.1.
- All shipments must be pre-paid.

### **Non-Panel Testing Shipments**

- Finished product for large chamber testing can be shipped in consumer ready packaging.
- Please refer to the loading ratio section for the square footage needed for the large chamber test.
- Contact the ITC with any questions concerning sample size.
- Do not ship panels on pallets.
- All shipments must be pre-paid.

**All customers must notify the ITC before shipping any test material**

**Please contact us at:**

labdir@cpamail.org  
(703) 724-1128 ext. 295

**Please send samples to:**

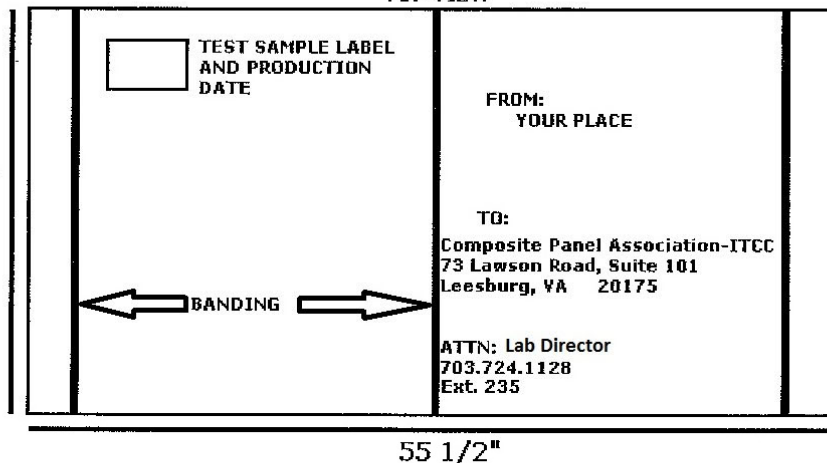
ITC  
73 Lawson Road, #101  
Leesburg, VA 20175  
Attn: Lab Director

SHIP PREPAID

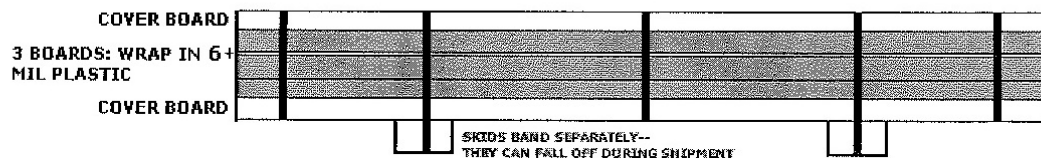
## LARGE CHAMBER SAMPLES CPA ITCC Packaging Instructions

TOP VIEW

Example size 48"



SIDE VIEW



EACH SAMPLE BOARD SHOULD HAVE A PRODUCTION DATE AND SAMPLE NUMBER

**DO NOT BAND BOARDS TO PALLETS  
PALLETS CANNOT AND WILL NOT BE ACCEPTED AT THE LABORATORY**