



GELSA

## GYP SUM GO EXCELLENCE



### TABIHAUS Board Expansion Report

Code: EN M1201  
Page 1 of 2  
DATE: July 2020

## 1. OBJECT

Report on the expansion growth of the Tabihaus board.

## 2. REACH

It is made by exposing an 8 mm thick Tabihaus board.

## 3. METHODOLOGY

- Elements used
  - Forced air drying oven to stabilise the material for two hours.
    - Dimensions 500 x 600 x 500
    - Calibrated temperature 65°C ±2
  - Electronic caliper
    - CDC 60 Mitutoyo
    - Accuracy to hundredth of a millimetre
  - OPTEX Laser Thermometer
    - PT 02 LD Model
    - Accuracy 1 tenth of a degree
  - 8 mm thick Tabihaus board
    - Dimensions: 383 x 214
- The Tabihaus board sample is placed in the oven for two hours and taken out for dimensional and temperature control.

## 4. DATA ACQUISITION

- Once the temperature of 65 degrees has been reached, we will measure the dimensional increase when the board is loose without anchors. In this way we analyse the material's own movements.
- Longitudinal dimensional control of the sample at room temperature.
  - Temp. = 25.4 °C Length = 383.18 mm  
Width = 213.92 mm

