

## COMPRESSION TEST REPORT

**Client:** Honcho Supplies  
ATTENTION: Nikki Willard  
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**Job No:** 15955  
**Test Date:** 09/11/2020

<b>Specimen Description:</b>	Four (4) HABHD15 board samples, 100 mm x 100 mm x 5.1 mm thick		
<b>Test Machine:</b>	Shimadzu AGS-X 300 kN UTM	<b>Test Speed:</b>	5 mm/min

### Results:

The force vs displacement results of the four samples tested is shown in Figure 2. The maximum compressive force and final thickness after compression for each sample are shown in Table 1. The samples were compressed until the distance between the compression platens was approximately 2 mm to account for the thickness of the collapsed board.

The HABHD15 board samples achieved a minimum compressive force of 17.1 kN, equivalent to 1.74 tonne, at maximum compression. An initial yielding of the material was observed between 1 – 1.5 mm before further compression. The samples were permanently deformed to a final thickness of 3.40 – 3.70 mm.

**Table 1.** Compressive Strength Results

Specimen ID	Maximum Compressive Force (kN)	Initial thickness prior to testing (mm)	Final thickness after testing (mm)
HABHD15-1	17.1	5.12	3.57
HABHD15-2	20.2	5.14	3.70
HABHD15-3	21.1	5.16	3.40
HABHD15-4	20.1	5.15	3.68

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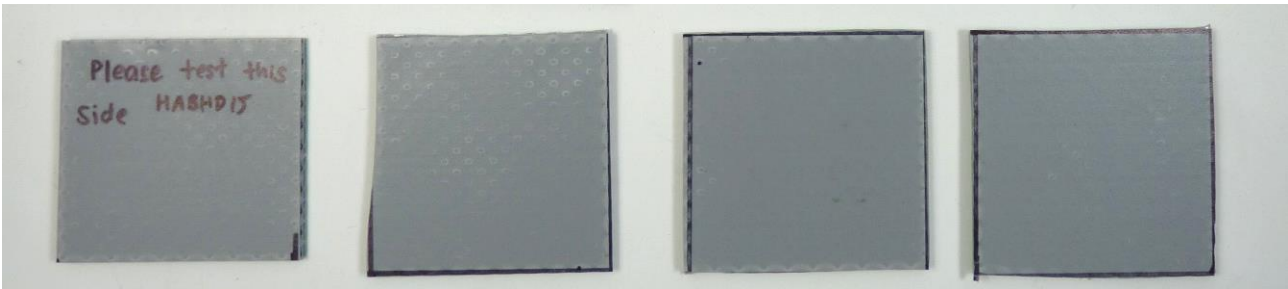


Figure 1. Test Samples.

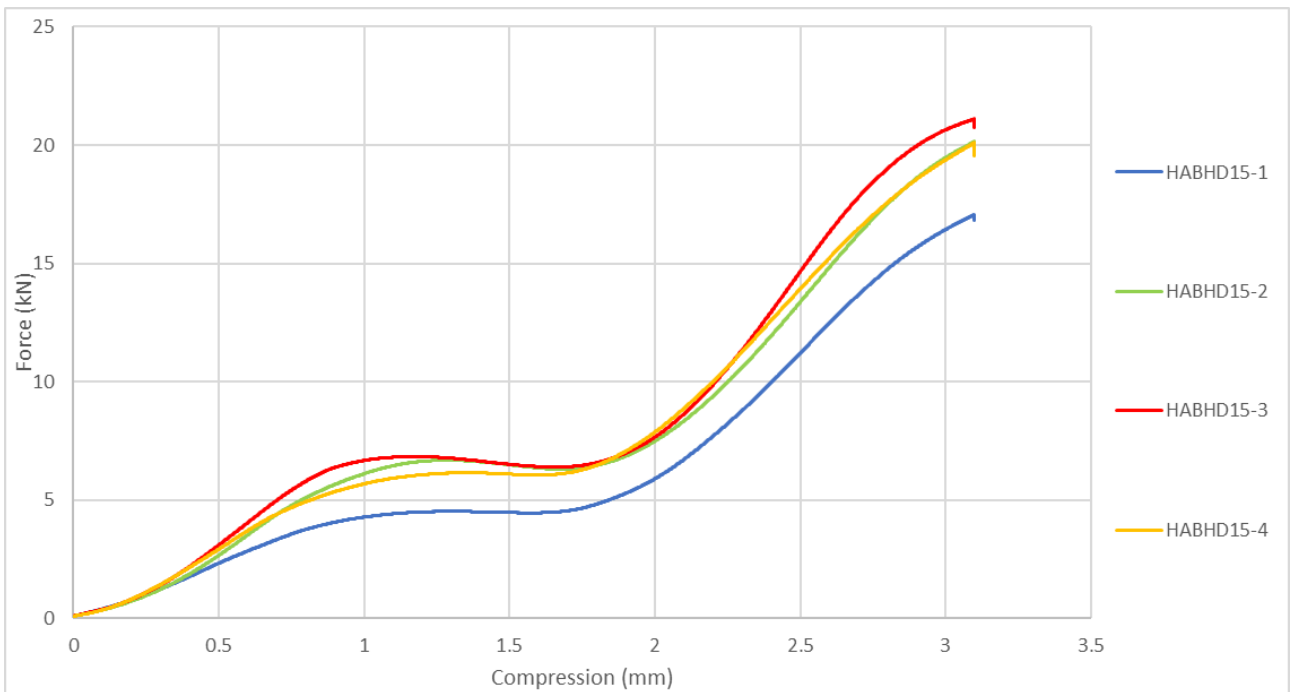


Figure 2. Test Results.