

60 Minute MagnaBoard Ceiling – Floor Fire Rating on Timber

SYSTEM: 12mm MagnaBoard Ceiling with 15mm MagnaBoard floorboard on Timber.

TESTED BY: **NES Consult & Associates: Fire Test Dept.**

REQUESTED BY: **Magnastruct - S Galant**

VENDOR: **Magnastruct**

CONTRACT NO: **FLT1085**

AUTHOR: **E. Ntsa**

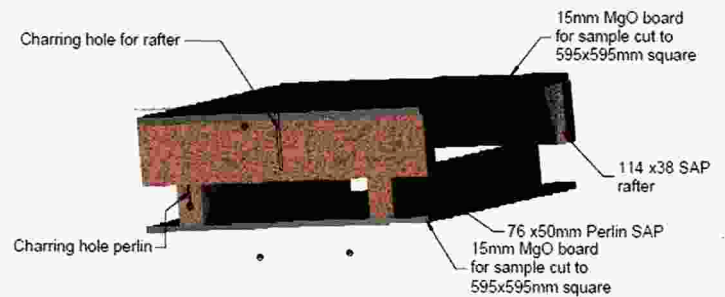
TEST DATE: **2019-06-01**

REPORT DATE: **2019-06-14**

Sample Description : MagnaBoard ceiling and floor board on Timber structure

Thickness : 215mm

Drawings No. : FLT12/75/114/15



Sample parameters

15mm MagnaBoard cut to 595x595mm square

114x38mm SAP rafter on 76x50mm SAP purlin

12mm MagnaBoard cut to 595x595mm square

15mm MgO board fixed with tec screws on 300 o/c grid to the underside of 75x50mm SAP purlin. Purlin fixed at 600x400mm grid to the underside of roof rafter. 114 x38mm SAP rafter on 600mm o/c spacing. Finished by 15mm MgO floor board to enclose the ceiling floor system. (If MgO is available all four the sides can be closed)



TITLE Magnastruct Ceiling roof system
15mm MgO board ceiling test
SIZE A4
SCALE
CAGE CODE
DWG NO FLT 15/75/114/15
SHEET
REV A

Test Results:

The evaluation of the panel during the test was as follows:

	Time of Failure (minutes)
	Panel No.: FLT12/75/114/15
Stability	60+
Integrity	60+
Insulation	60+

Note: 60+ is used where no failure occurred.

Technical Advisor