

60 Minute MagnaBoard Ceiling - Floor Fire Rating

SYSTEM: 12mm MagnaBoard Ceiling on 150mm metal frame with 15mm MagnaBoard floorboard.

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

REQUESTED BY: **Magnastruct - S Galant**

VENDOR: **Magnastruct**

CONTRACT NO: **FLT1084**

AUTHOR: **E. Ntsa**

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

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

Sample Description: MagnaBoard ceiling and floor board on metal frame

Thickness: 177mm

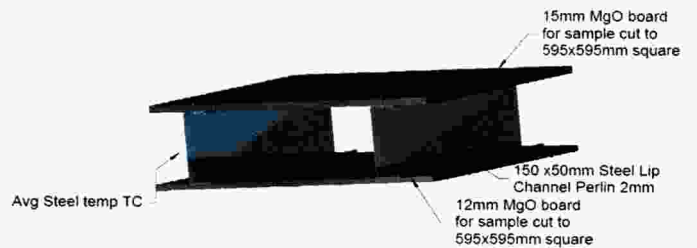
Drawings No.: FLT12/150/15

Sample parameters

15mm MagnaBoard cut to 595x595mm square

150x50x2mm lip channel purlin metal frame

12mm MagnaBoard cut to 595x595mm square



12mm MgO board fixed with tee screws on 300 c/c grid to the underside of 150x50mm Steel Lip channel purlin fixed at 400mm c/c to the underside of steel floor system. finished with 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
12mm MgO board ceiling steel floor test
SIZE: A4
SCALE: SHEET

Test Results:

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

	Time of Failure (minutes)
	Panel No.: FLT12/150/15
Stability	60+
Integrity	60+
Insulation	60+

Note: 60+ is used where no failure occurred.

Technical Advisor