

TEST REPORT

Ceram Reference: Summary No 0323/SW033.07

Project Title: Report of Load Tests on Cableduct 700 Series Floorbox

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Work Location: Ceram UK



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CONTENTS

1 INTRODUCTION

2 TEST METHOD

3 RESULTS

4 CONCLUSIONS

1 INTRODUCTION

On behalf of the client, Cableduct Ltd, Ceram were requested to undertake a point load test on an installed 700 Series Floorbox.

2 TEST METHOD

25 x 25mm square point loading in the centre of an installed Series Floorbox based on the test method T8.00 in PSA MOB PF2 PS/SPU "Performance Specification for Platform Floors". Deflection measurements were taken at every 1.5kN, as load was applied, up-to a maximum load of 3.0kN. This load was then held for 5 minutes after which the load was released.

3 RESULTS

Table 1 - Results from the 25mm Square Loading Test

Load Applied (kN)	Deflection as Load Applied (mm)
0.0	~
1.5	2.59
3.0	5.02
5 minutes loading @ 3.0kN	6.07
Permanent Deflection	0.24

Note: As the Floorbox was tested within a panel, the panel deflection was monitored and has been removed as appropriate.

4 CONCLUSIONS

The 700 Series Floorbox withstood the test load of 1.5kN (light grade) for 5 minutes with a deflection of 2.59mm. The Floorbox also withstood a load of 3.0kN (medium grade) with a deflection of 5.02mm. After the load had been held for 5 minutes the deflection had crept to 6.07mm, an increase of 1.05mm.

NOTE: The results given in this report apply only to the samples that have been tested.

END OF REPORT