



STRUCTURAL, CIVIL + FACADE ENGINEERS

Alsysco
Cnr Dame Street and Black Reef Road
Wadeville
Johannesburg
1428

09 October 2020

ATTENTION: DAVID BRAITHWAITE (By Email)

RE: Crystal Balustrade Load Test

Dear Sir

The purpose of this letter is to inform you on the completion of report on the testing conducted on the Crystal Balustrade.

Three tests were conducted on the balustrade in line with the Loading requirements specified in SANS 10160-2. The balustrade underwent the tests for residential and Office loading and no permanent deflection was observed thus the test can be concluded as a PASS.

Please note our appointment is to be in accordance with the Standard PROCSA Agreement utilized by Professionals in the Built Environment.

Please contact us should you have any questions relating to the report.

Thank you for your continued patronage. Should you have any future endeavors that require structural engineering input please do contact us.

Yours Faithfully:

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STRUCTURAL, CIVIL + FACADE ENGINEERS

CLIENT: ALSYSCO
JOB NAME: ALSYSCO CRYSTAL BALUSTRADE
TEST REPORT

21049E ALSYSCO Crystal Balustrade Test report - Rev C

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Executive Summary

On the 15th of September three tests were conducted on the Alsysco Crystal Balustrade at the Steel Studio factory located in Linbro Park Johannesburg. The three tests were conducted to test the balustrade against loading requirements outlined in SANS10160-2 namely a 1.5kN/m Line Load, a 1kN Concentrated Load and a 400J swing bag test. The balustrade underwent the three tests and no permanent deformation was observed and thus the balustrade was deemed to be satisfactory for Areas outlined in areas categories A, B, C1-C4, D and E described in Table 1 of SANS 10160-2.

Directors – N N MacLeod, C E Thompson, R E Roman

