

25mm High Commercial Door Aluminium Threshold Seal Hydraulic Press Test Results



WEATHER STOP
Units 16-18
17 Summerwood Lane
Halsall, Ormskirk
Lancashire, L39 8RG, UK



Compression Test 34281/7 MK1

Client
Project leader

Yellow Product Design
Jerry Godden

Signed:

Data source

Data logging program

Bluehill 3

Test details

Test date
Test time
Test technician
Test machine
Test temperature

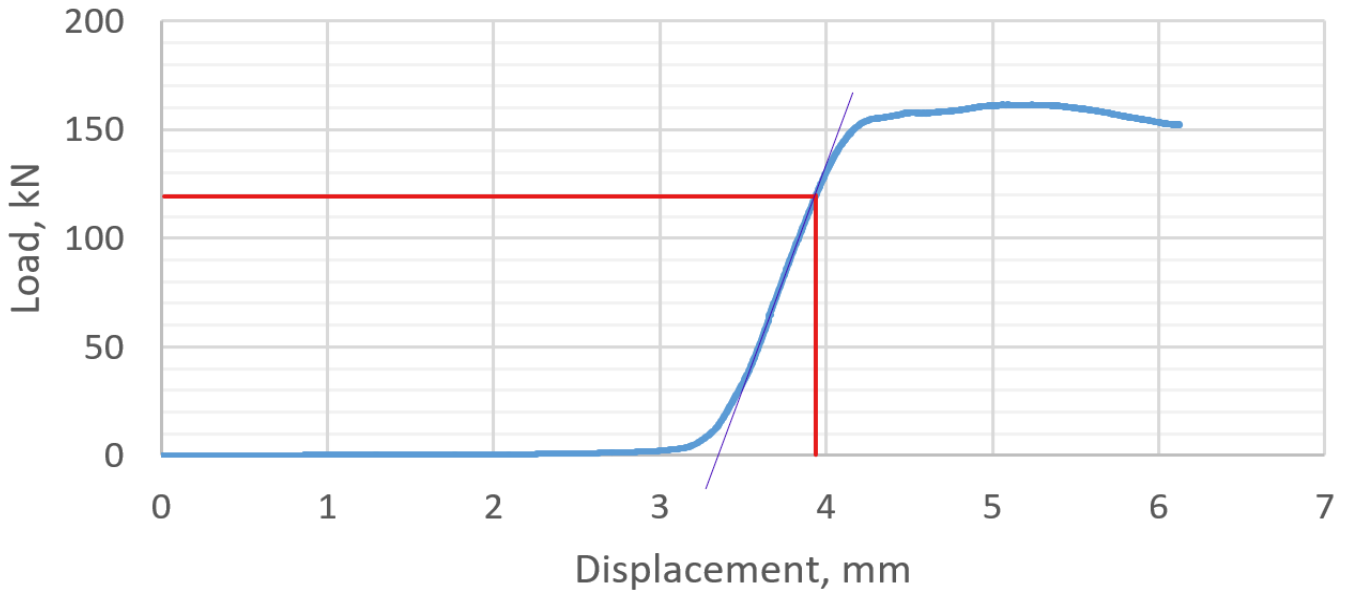
21 July 2021
13:25
Martin Gilder
Instron J0044
21.0 °C

Signed:

Compiled by: J Godden

Signed:

Results



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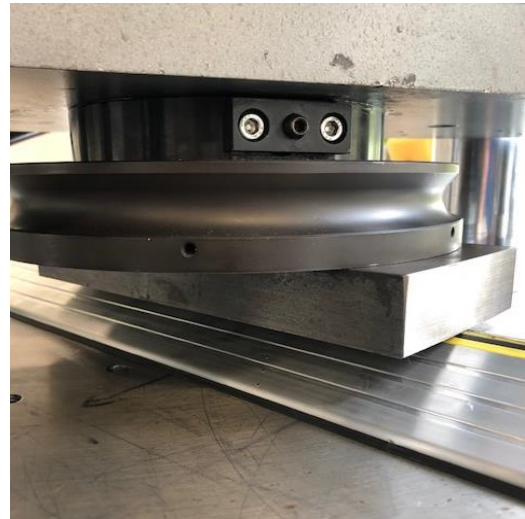


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Test procedure and analysis

Hydraulic press was used to push 10" long steel plate down against section of 25mm commercial threshold. Graph shows force applied and the resulting displacement of the threshold section. It appears from the test data that the linear section of loading reaches approximately 130kN (13,256 Kilograms Force (kgf), 29,225 Pounds force (lbf)) before a change of slope can be seen. After this the threshold section becomes permanently damaged.

Before



After

