

TEST REPORT



Title: Framemaster Letter Plate - Durability

Report Number: WTE/07/023/3

On behalf of
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Date: 21/12/2007

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Introduction

It was requested that WTE Ltd carry out a durability test on the UAP Framemaster letterplate. This was to evaluate the product to 10,000 cycles or about 10 years' normal service.

Samples

A sample of the Framemaster Letterplate 12" 20/40 Gold Flap Code FMB1224G was supplied. Photographs of this sample are shown in Appendix A.

Results

Both the external and the internal flaps of the letter plate were subjected to 10,000 operations, this being deemed equivalent to in excess of 10 years' life. The operation was from fully closed to fully open, with the letterplate being allowed to spring closed for the final part of the cycle. Due to the excellent opening angle of the letterplate, a static force on the plate in the extreme open position was not required.

Pre and post test operating efforts were measured as follows:

	Pre Test	Post Test
External Plate	4.7N	4.6N
Internal Plate	4.2N	3.3N

Both the external and internal letterplates completed the durability test satisfactorily with both plates functioning correctly at the completion of the test.

Summary

Both the external and internal Framemaster letterplates performed satisfactorily in the durability test to 10,000 cycles.



Report authorised by:

Dr Martin White
Director

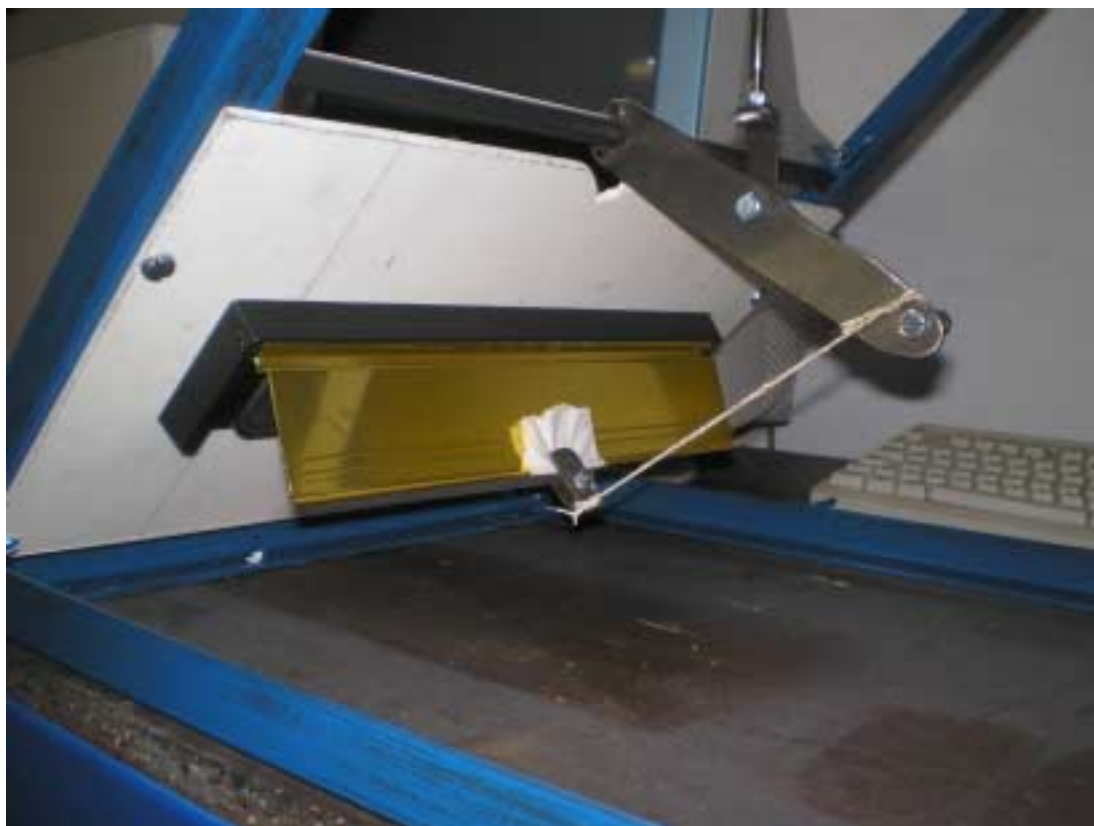
Date: 21 December 2007

REPORT ENDS

Appendix A – Photographs



Framemaster Letterplate



Test Set-up