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Won-Door (NZ) 1995 Ltd
Unit 1, 298 Alfred Street
ONEHUNGA , AUCKLAND
NEW ZEALAND

Attention: Mr Paul Perkins

LIKELY FIRE PERFORMANCE OF A FOLDING ACCORDION DOORSET
Assessment Number FCO-2143
Your letter of 7 June

INTRODUCTION

We have examined the information referenced by you as to the likely fire performance of your doorsets if tested in accordance with AS 1530.4-1997. The information included

- test report numbered 117771 for a full-scale fire-resistance test on a Won-Door doorsets tested on 28 June 2001 by Warrington Fire Research, UK;
- assessment report numbered C120075 from Warrington Fire Research; and
- AS 1530.4-1997

We have retained these documents and information.

You have requested an analysis of your tested door system in order to determine the likely performance if tested the relevant Australian test procedure.

ANALYSIS

On 28 June 2001 a full-scale fire-resistance test was conducted by Warrington Fire Research on your horizontal sliding accordion type doorset installed into a timber framed wall system. The doorset, as tested achieved a performance that would equate to fire-resistance levels of -/0/0 due to flaming within a wall recess area at 18 minutes. A subsequent assessment of the test data by Warrington Fire Research and attached to the original report as an addendum indicated that this early failure was the result of a compromise made in the construction in order to fit the doorset into the available specimen frame. The assessment concluded that, had the door installation complied with the manufacturers standard installation specifications, the doorset would have achieved in excess of 60 minutes for integrity performance. Based on the information supplied in support of your submission, this Division would concur with that conclusion.

On 11 September 2001 Warrington Fire Research issued an assessment report, C120075, based on their fire-resistance report 117771 and on an Underwriters report R6799-6 (not supplied). This assessment concluded that, based on 117771, that the doorset could be constructed