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MIAMI TESTING LABORATORY, INC.

Formerly BBB Engineering Services, Inc.

January 29, 1976  
File Number 76-703  
Report Number 1  
C-3484

TEST OF ALUMINUM TRACK AND PANEL CARRIER SYSTEM

Client: Panelfold Doors, Inc.  
Project: Experimental  
Sample: Laboratory Number 7728; Aluminum Track and Panel Carrier System  
Sampled by: Your representative and received January 5, 1976  
Reported to: Panelfold Doors, Inc.  
10700 N.W. 36 Avenue  
Miami, Florida 33167  
Attention: Mr. Thomas M. Dixon

FEB - 2 1976

Description of Test Unit:

Laboratory Number 7728  
Sample Number 1  
Model Designation Series Moduflex 4801 track and carrier system  
Overall Track Size Hat shaped channel 4 7/16" by 1 1/2" by 103 3/8" long  
Overall Carrier Size Three aluminum channels 2 3/4" by 2 1/4" by 46 1/8" long  
Wheels Nylon coated steel disks  
Reinforcement None

Test Procedure:

The test specimen was installed in a wooden frame and a mechanical drive was attached mid-span at the carrier rail. The carrier rail was cycled approximately four feet in each direction at a rate of four cycles per minute with a weight of 125 pounds attached directly under each disk (total weight 250 pounds). The starting and operating forces were measured at the start and completion of testing.

Results of Tests:

1-12-76

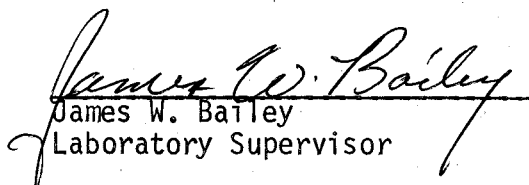
Note: Prior to test the track was lubricated with NyLube Lubricant.

The initial starting force was measured to be between 20 and 35 pounds and the unit operated at 18 pounds. After cycling the test specimen for (15,000) cycles there was no visual signs of damage and the unit operated in a satisfactory manner. The starting force and operating force at completion was measured to be 40 and 35 pounds respectively.

Remarks: The above test results were obtained in accordance with the instructions received from your representative.

Test set up  
Witnessed by:  
Mr. Thomas M. Dixon

Miami Testing Laboratory, Inc.

  
James W. Bailey  
Laboratory Supervisor

Panelfold -