



INTERTEK TEST REPORT #3051160

REPORT

OF

NAIL WITHDRAWAL AND TENSILE TESTS

FOR

ITW-BUILDEX  
1349 WEST BRYN MAWR AVENUE  
ITASCA, ILLINOIS 60143

BY

INTERTEK TESTING SERVICES NA INC.  
8431 MURPHY DRIVE  
MIDDLETON, WISCONSIN 53562

TEST DATE: NOVEMBER 24, 2003  
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## INTRODUCTION

This report gives the results of the evaluation of the provided samples (Job #3051160). The test results described in this report are limited to the submitted items. On November 24, 2003 an Intertek Testing Services representative witnessed tests for nail withdrawal resistance and tensile tests at ITW-Buildex's facility in Itasca, Illinois. The tests conducted are listed in the procedure section.

## SPECIMEN DESCRIPTION

### Nail Withdrawal

Material	Description
Steel Substrate	20 gauge steel studs (Measured thickness 0.034")
Sheathing	5/16" thick James Hardie® fiber cement siding Hardiboard (represented by ITW-Buildex to be "Hardiplank®"). The sheathing was removed before the Nail withdrawal test was conducted.
Steel Fasteners	1.) ITW-Buildex Gyp-Fast™ Knurled Nail- 0.145" shank diameter by 1-1/2" long; 5/16" diameter bugle head design 2.) Represented by ITW-Buildex to be ET&F Panelfast® Nail- 0.105" shank diameter by 1-1/2" long ring shank nail; 5/16" diameter head

### Tensile Tests

- 1.) ITW-Buildex Gyp-Fast™ Knurled Bugle Head Nail- 0.145" shank diameter by 1-1/2" long; 5/16" diameter bugle head design
- 2.) Represented by ITW-Buildex to be ET&F Panelfast® Nail- 0.105" shank diameter by 1-1/2" long ring shank nail; 5/16" diameter head