



INTERTEK REPORT No.: 3082376

REPORT ON WITNESS TESTING

OF

GYP-FAST NAILS

USED IN THE CONSTRUCTION

OF

STEEL STUD WALL PANELS

BASED ON

ASTM E 330-02

STANDARD TEST METHODS FOR STRUCTURAL PERFORMANCE OF EXTERIOR
WINDOWS, DOORS, SKYLIGHTS AND CURTAIN WALLS BY UNIFORM STATIC AIR
PRESSURE

FOR

ITW BUILDEX
1349 WEST BRYN MAWR AVE.
ITASCA, IL 60134

BY

INTERTEK TESTING SERVICES NA, INC.
8431 MURPHY DR.
MIDDLETON, WI 53562

TEST DATES: NOVEMBER 29 & 30
DECEMBER 13, 20 and 21, 2005
REPORT DATE: DECEMBER 26, 2005

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INTRODUCTION

Intertek Testing Services NA Inc., of Middleton, Wisconsin witnessed tests performed at the ITW Buildex plant in Itasca, IL. Rick Armstrong, Technical Projects Manager for Intertek witnessed and participated in the testing. This report gives the results of the evaluation of the provided samples. The test results described in this report are limited to the submitted items.

SPECIMEN DESCRIPTION

The ITW Buildex part number 2743910 Gyp-Fast fastener was used to fasten the various sheathing to the steel stud framing. The nail is 1-1/2" in length, 0.140-inch in diameter and has a 5/16-inch bugle head. The nails were driven with a power driver.

OBJECTIVE

The objective of these tests is to compare the holding ability of the Gyp-Fast power driven nail in various gauges of steel studs using different sheathing materials. The stud gauges used were 20, 16, 14 and 12 gauges with the intention of interpolating the numbers for the 18 gauge steel studs.

The sheathings used were:

- A) 1/2-inch Georgia Pacific Densglass Gold Type X
- B) 5/8-inch Georgia Pacific Densglass Gold Type X
- C) 1/2-inch USG Fiberock
- D) 1/2-inch USG Sheetrock Brand Firecode Core Type X
- E) 5/8-inch USG Sheetrock Brand Firecode Core Type X

(The A through E designation was used to identify the sheathing on the data pages.)