

Product Description

MarinoWARE FAS Track BT 1000 is a bottom track that offers fire and air (smoke) protection, eliminating the need for fire and sound sealant. The section is fabricated from hot-dipped galvanized steel complying with ASTM A653, and ASTM A1003 Grade 33 Type H for 33 ksi yield strength steel for 20 gauge (30 mils) with a minimum G40 coating complying with ASTM A924, and 18 gauge (43 mils) with a minimum G60 coating complying with ASTM A924; and Grade 50 Type H for 50 ksi yield strength steel for 54 mil (16 gauge) with a minimum G60 coating complying with ASTM A924

Steel Thickness

Thickness (mil.)	Design Thickness (in.) ¹	Minimum Thickness (in.) ^{1, 2}
30	0.0312	0.0296
43	0.0451	0.0428
54	0.0566	0.0538

Notes:

1. Uncoated steel thickness. Thickness is for carbon steel.

2. Minimum Thickness represents 95% of the design thickness and is the minimum acceptable thickness delivered to the job site, based on Section A3.4 of the AISI S100-2012

FAS Track BT 1000 (Bottom Track) Track Configurations:

"A" Track Member Width (in.)	Flange Size (in.)	Length (ft.)	"G" Steel Thickness mil (gauge)
2-1/2, 3-5/8, 4, 6	1-1/4	10	30,43,54 (20,18,16)

U.S. Patent 8,640,415 B2

ASTM & Code Standards

ASTM A653/653M, A924/924M, A1003/1003M, C645 & C754

ASTM E 1966: Standard Test Method of Fire Tests of Firestop Systems

UL 2079 Tests For Fire Resistance of Building joints, 5th Edition

ASTM E-119 Standard Test Methods for Fire Tests of Building Construction and Material

Sounds Tested in accordance with ASTM E90-09

Air leakage tests conducted for compliance with Section 713.6 of IBC and CBC

LEED v4 for Building and Design Construction

MR Prerequisite: Construction and Demolition Waste Management Planning

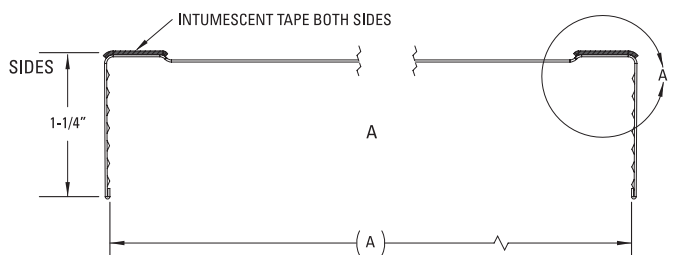
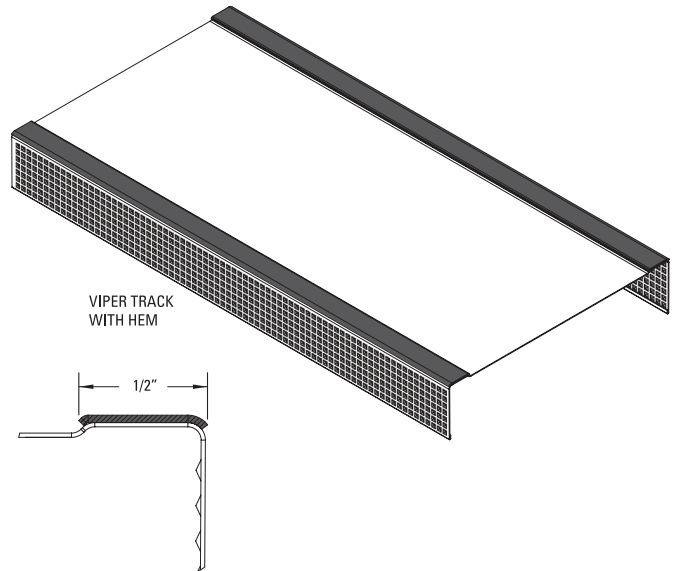
MR Credit: Construction and Demolition Waste Management

MR Credit: Building Product Disclosure and Optimization - Sourcing of Raw Materials, Option 2

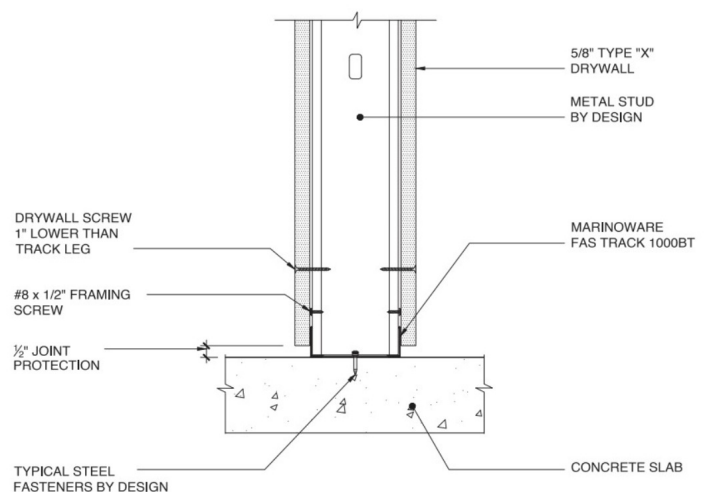
MR Credit: Building Product Disclosure and Optimization - Environmental Product Declarations, Options 1 & 2

ME Credit: Building Product Disclosure and Optimization - Material Ingredients, Options 1

ME Credit: Building Life-Cycle Impact Reduction, Option 4



BW-S-0024 1 HR. BOTTOM WALL STATIC JOINT



*NOTE: SINGLE LAYER OF 5/8" TYPE "X" DRYWALL FOR 1 HOUR FIRE RATING, 2 LAYERS FOR 2 HOUR



Always check UL Fire resistance directory for complete design requirements.

For more information, please contact MarinoWARE® Technical Services at 866.545.1545

This technical information reflects the most current information available and supersedes any and all previous publications effective

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