

## FAS TRACK BT 1000 (BOTTOM TRACK) - 30, 43 & 54 MIL

### Product Description

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.) <sup>1</sup>	Minimum Thickness (in.) <sup>1,2</sup>
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.

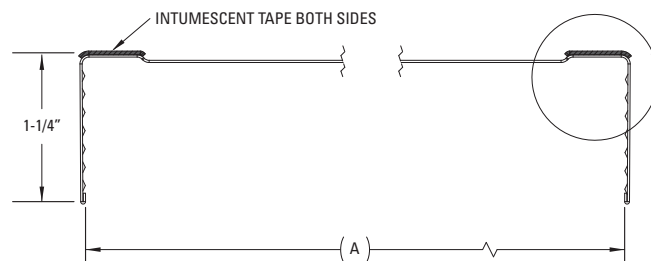
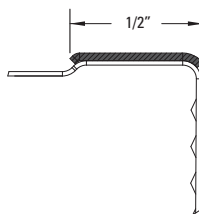
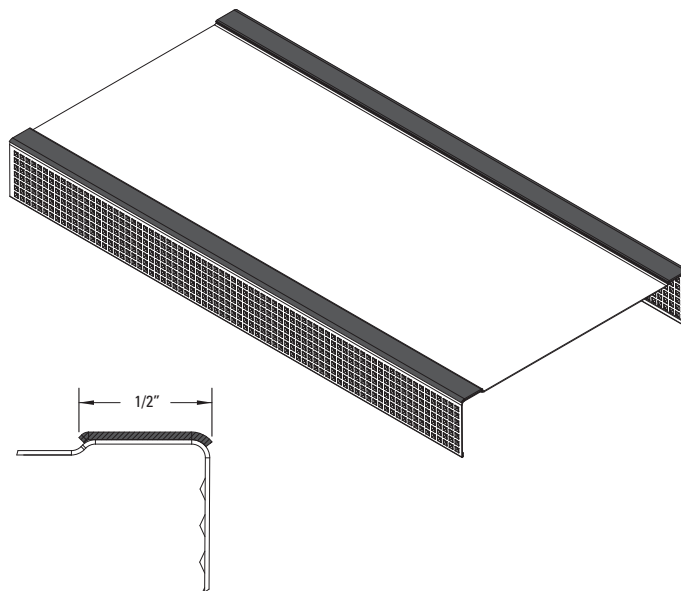
### FAS Track BT 1000 (Bottom Track) Track Configurations:

"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
- ICC-ES ESR 2012
- ASTM E 1966: Standard Test Method of Fire Tests of Firestop Systems
- UL 2079 Tests For Fire Resistance of Building Joints
- ASTM E-119 Standard Test Methods for Fire Tests of Building Construction and Material
- Sound 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
- MR Credit: Building Product Disclosure and Optimization – Material Ingredients, Option 1
- MR Credit: Building Life-Cycle Impact Reduction, Option 4

