

## Geometric Properties

**MARINO\WARE FAS Track 1000 DL** is a deflection track with 1/2" intumescent Tape 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 (33 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 16 gauge (54 mils) with a minimum G60 coating complying with ASTM A924. FAS Track 1000 DL has been tested with Underwritten Laboratories in accordance with UL 2079.

## Steel Thickness

Thickness (mil)	Design Thickness (in.) <sup>1</sup>	Minimum Thickness (in.) <sup>1,2</sup>
30	0.0312	0.0296
33	0.0346	0.0329
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

## ASTM & Code Standards

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

ASTM E 1966: Standard Test Methods 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

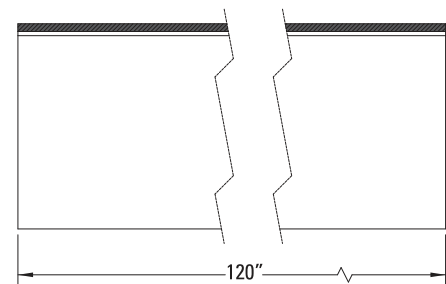
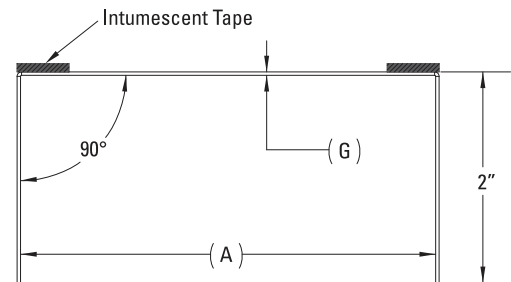
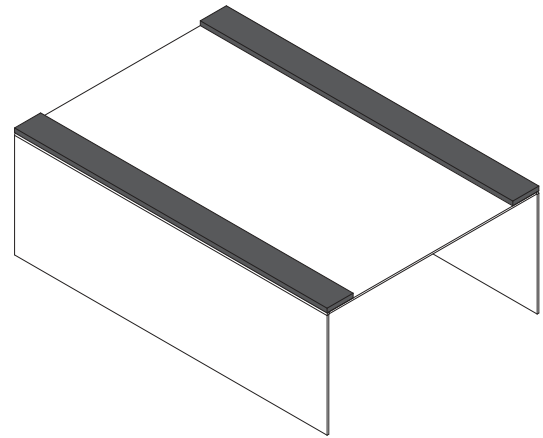
MR: Credit: Construction and Demolition Waste Management

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



Always check UL Fire resistance directory for complete design requirements.

For more information, please contact Marino\WARE® 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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