PRODUCT CODE: **SRT-35830**
PUBLICATION DATE: **JULY 2025**

SUBMITTAL SHEET

3-5/8" Wide with 1-5/8" Leg Vortex Segmented Rebate Track (30mils)

PRODUCT INFORMATION

Description	**Studco 3-5/8" Wide with 1-5/8" Leg Vortex Segmented Rebate Track (30mils)**
Code	**SRT-35830**
Category	**Studco Vortex Segmented Rebate Track**

GEOMETRIC PROPERTIES

Web Depth (in)	**3-5/8”**
Flange Width (b)	**1-5/8”**
Weight (lb/ft)	**0.7436**
Gauge	**20 GAUGE**
Design Thickness	**0.0296"**
Thickness - Mils	**30**
Yield Strength Fy (ksi)	**50**
Coating	**G40**

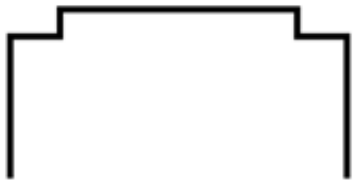
GROSS SECTION PROPERTIES

Cross Section Area **A**	**0.238**
Moment of inertia **Ixx**	**0.558**
Section modulus **Sxx**	**0.296**
Radius of gyration **Rxx**	**1.532**
Moment of inertia **Iyy**	**0.099**
Radius of gyration **Ryy**	**0.645**

TORSION PROPERTIES

St Venant torsion constant **J1000**	**0.077 in.4**
Warping constant **Cw**	**0.243 in.6**
Distance from shear center to neutral axis **Xo**	**1.272 in.**
Distance from shear center to mid-plane of web **m**	**0.755 in.**
Polar radius of gyration **Ro**	**2.093 in.**
Beta **β**	**0.631 β**

SRT-35830



SRT-35830 PROFILE

SUSTAINABILITY & LEED

LEED credit MR 2.1 (1 point)
LEED credit MR 2.2 (1 point)
LEED credit MR 4.1 (1 point)
LEED credit MR 4.2 (1 point)
LEED credit MR 5.1 (1 point)
LEED credit MR 5.2 (1 point)

ISO14001:2015 certified company
Total recycled content 32.7%
(Content: post consumer 25.5%, pre consumer 6.8%)

Suitable for UL Assemblies U400, V400 & W400

ASTM INFORMATION

All products manufactured by Studco Building Systems are certified to meet or exceed all applicable American Society for Testing & Materials standards as listed below.
Studco Building Systems is also accredited to ISO9001- an internationally recognized standard - and an established member of the Steel Stud Manufacturers Association (SSMA).

Material Specifications (ASTM)

• All STUDCO Drywall Nonstructural framing members conform to A1003 - A1003 is the Standard specification for steel sheet, Carbon, Metallic- and Nonmetallic- Coated for Cold Formed Framing Members.

Coating Specifications (ASTM)

• All STUDCO Drywall Nonstructural framing members conform to C645 - C645 is the Standard specification for Nonstructural Steel Framing Members.

Product Specifications (ASTM)

• All STUDCO Drywall Nonstructural framing members conform to C645 - C645 is the Standard specification for Nonstructural Steel Framing Members.

All Drywall Nonstructural products have a G-40 minimum weight conforming to ASTM Specification A1003 or have a protective coating with the industry standard requirements of ASTM C645.

All Drywall studs conform to U419, U465 & U411 Standards for Fire Rated Assemblies.

For Sales Inquiries, please contact Studco Building Systems on 800.675.8023
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