



Expanding Your Solutions

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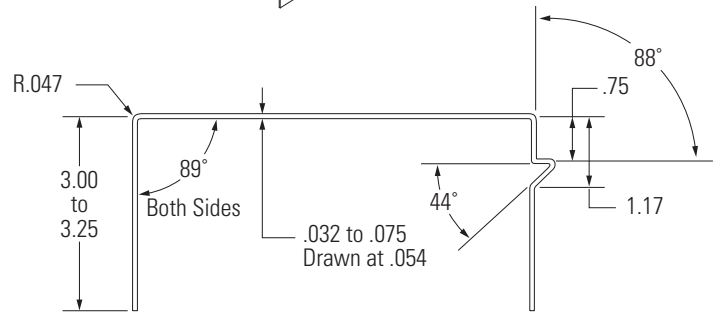
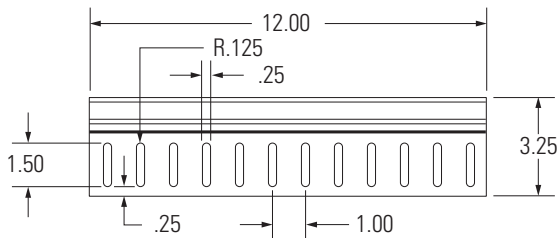
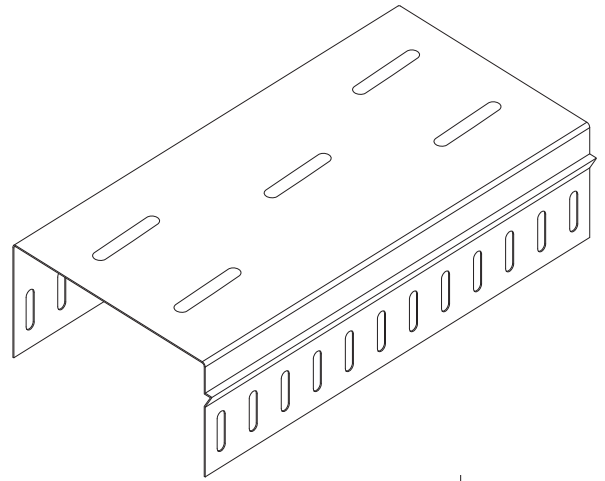
EXTERIOR SLOTTED TRACK (EST), 3.25" LEGS

Description

CEMCO Exterior Slotted Track (EST) is a vertical deflection track member. The external groove provides a resting point for sheathing, transferring the weight of the sheathing to the framing member, and the 2" web slots provide drift movement capabilities. The section is fabricated from hot-dipped galvanized steel complying with ASTM A653, and ASTM A1003 Structural Grade 50 Type H for Grade 33 Type H for with a minimum G60 coating, and complies with ASTM C645.

U.S. Patent #8,281,552 B2

Track Member Width (in.)	Leg Length (ft.)	Steel Thickness mil (gauge)
3-5/8, 4, 6, 8	10	33, 43, 54, 68 (20, 18, 16, 14)



ASTM's & Code Standards

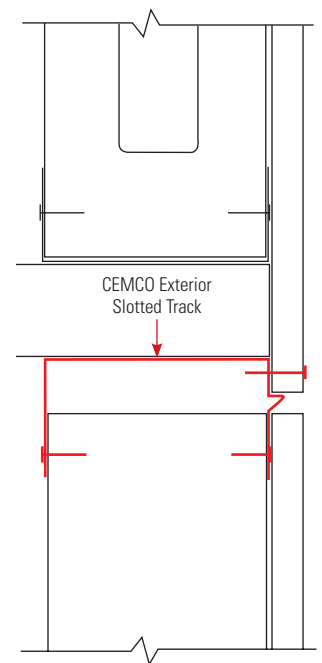
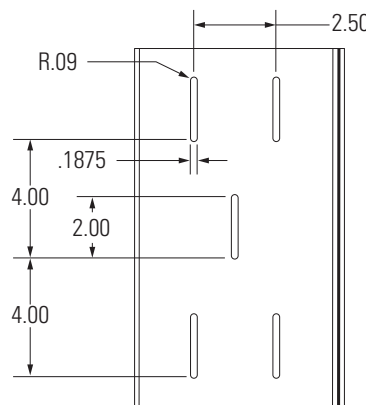
- ASTM A653, A924, A645
- ASTM A1003 Structural Grade 33 Type H
- ASTM A1003 Structural Grade 50 Type H

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.

CEMCO cold-formed steel framing products contain 30% to 37% recycled steel.

- Total Recycled Content: 36.9%
- Post-Consumer: 19.8%
- Pre-Consumer: 14.4%



Technical Services

Technical Services: 800.416.2278
Structural Engineering/Design: 925.473.9340
www.cemcosteel.com



This technical information reflects the most current information available and supersedes any and all previous publications effective June 5, 2018.

06-05-18 AT



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EXTERIOR SLOTTED TRACK (EST), 3.25" LEGS

CEMCO EXTERIOR SLOTTED TRACK (EXT)

SECTION DESIGNATION	DESIGN THICK. (in)	FULL SECTION PROPERTIES						NET SECTION PROPERTIES						EFFECTIVE SECTION PROPERTIES						
		Fy (ksi)	Weight (lbs/ft)	Area (in ²)	I _x (in ⁴)	r _x (in)	I _y (in ⁴)	r _y (in)	Weight (lbs/ft)	Area (in ²)	I _x (in ⁴)	r _x (in)	I _y (in ⁴)	r _y (in)	I _x (in ⁴)	S _x (t) (in ³)	S _x (b) (in ³)	I _y (in ⁴)	S _y (l) (in ³)	S _y (r) (in ³)
362EXT325-33	0.0346	33	1.2266	0.3608	0.3986	1.0512	0.9569	1.6286	0.8292	0.2439	0.1676	0.8288	0.5805	1.5425	0.1616	0.2584	0.0615	0.542	0.2924	0.2486
362EXT325-43	0.0451	33	1.5866	0.4666	0.5128	1.0483	1.2241	1.6197	1.0688	0.3144	0.2155	0.8279	0.7983	1.5324	0.2155	0.3708	0.0808	0.6938	0.3733	0.3226
362EXT325-54	0.0566	33	1.9743	0.5807	0.6345	1.0453	1.5048	1.6098	1.3248	0.3897	0.2665	0.8271	0.9016	1.5211	0.2665	0.4582	0.0999	0.8545	0.4587	0.403
362EXT325-54	0.0566	50	1.9743	0.5807	0.6345	1.0453	1.5048	1.6098	1.3248	0.3897	0.2665	0.8271	0.9016	1.5211	0.2665	0.4582	0.0999	0.8453	0.4596	0.3944
362EXT325-68	0.0713	50	2.4599	0.7235	0.7847	1.0414	1.8458	1.5972	1.6417	0.4829	0.3296	0.8261	1.0961	1.5066	0.3296	0.5659	0.1235	1.0364	0.5641	0.4911
400EXT325-33	0.0346	33	1.2678	0.3729	0.4108	1.0496	1.1616	1.765	0.8706	0.2561	0.1713	0.8178	0.7147	1.6705	0.1607	0.2547	0.0614	0.6688	0.2837	0.2837
400EXT325-43	0.0451	33	1.6403	0.4824	0.5285	1.0467	1.4875	1.7559	1.1225	0.3302	0.2202	0.8166	0.9102	1.6602	0.2171	0.3792	0.0811	0.8597	0.4217	0.3705
400EXT325-54	0.0566	33	2.0417	0.6005	0.654	1.0436	1.8306	1.746	1.3921	0.4095	0.2723	0.8155	1.1132	1.6488	0.2723	0.4907	0.101	1.0586	0.5189	0.4618
400EXT325-54	0.0566	50	2.0417	0.6005	0.654	1.0436	1.8306	1.746	1.3921	0.4095	0.2723	0.8155	1.1132	1.6488	0.2684	0.4685	0.1003	1.0493	0.5198	0.4535
400EXT325-68	0.0713	50	2.5448	0.7485	0.8091	1.0397	2.2487	1.7333	1.7267	0.5079	0.3367	0.8142	1.3562	1.6342	0.3367	0.606	0.1249	1.2868	0.6388	0.5636
600EXT325-33	0.0346	33	1.5093	0.4439	0.4686	1.0274	2.845	2.5316	1.1120	0.3271	0.1873	0.7567	1.857	2.3826	0.1532	0.2235	0.0598	1.693	0.573	0.4862
600EXT325-43	0.0451	33	1.955	0.575	0.6032	1.0242	3.6572	2.522	1.4374	0.4228	0.2407	0.7545	2.3773	2.3712	0.2127	0.3559	0.0802	2.2388	0.7376	0.663
600EXT325-54	0.0566	33	2.4367	0.7167	0.7467	1.0207	4.5201	2.5114	1.7872	0.5257	0.2974	0.7522	2.9244	2.3587	0.2784	0.5284	0.1022	2.7978	0.9138	0.8418
600EXT325-54	0.0566	50	2.4367	0.7167	0.7467	1.0207	4.5201	2.5114	1.7872	0.5257	0.2974	0.7522	2.9244	2.3587	0.2651	0.4507	0.0996	2.7559	0.9128	0.8188
600EXT325-68	0.0713	50	3.0424	0.8948	0.924	1.0164	5.583	2.4978	2.2240	0.6542	0.367	0.7494	3.59	2.3424	0.3468	0.6707	0.1269	3.4291	1.1306	1.0337
800EXT325-33	0.0346	33	1.7473	0.5139	0.5099	0.9961	5.4182	3.2471	1.3500	0.3971	0.1975	0.7053	3.6831	3.0454	0.1546	0.2289	0.06	3.1772	0.8539	0.6704
800EXT325-43	0.0451	33	2.2652	0.6663	0.6565	0.9926	6.9799	3.2367	1.7474	0.514	0.2537	0.7025	4.7286	3.033	0.2155	0.3704	0.0807	4.2347	1.1025	0.9218
800EXT325-54	0.0566	33	2.826	0.9312	0.813	0.9889	8.647	3.2254	2.1764	0.6402	0.313	0.6996	5.835	3.0192	0.2835	0.5638	0.1032	5.4137	1.3712	1.2139
800EXT325-54	0.0566	50	2.826	0.9312	0.813	0.9889	8.647	3.2254	2.1764	0.6402	0.313	0.6996	5.835	3.0192	0.2687	0.4702	0.1003	5.2263	1.3664	1.1403
800EXT325-68	0.0713	50	3.5328	1.0391	1.006	0.9841	10.712	3.2108	2.7142	0.7984	0.387	0.696	7.193	3.0015	0.3535	0.7184	0.1282	6.6816	1.7007	1.5032

FULL SECTION PROPERTIES ANALYSIS BASED ON SHAPES WITHOUT HOLES
NET SECTION PROPERTIES ANALYSIS BASED ON SHAPES WITH HOLES IN EACH LEG AND TOP WEB
EFFECTIVE SECTION PROPERTIES ANALYSIS BASED ON SHAPES WITH HOLES IN EACH LEG AND TOP WEB



This technical information reflects the most current information available and supersedes any and all previous publications effective September 19, 2016.

1-9-2009