

CODE APPROVALS AND PERFORMANCE STANDARDS

Division: 09.22.16 Non-Structural (Drywall) Steel Framing Products

Web Depths:	1 5/8", 2 1/2", 3 5/8", 4", 6"
Flange Width:	1 1/4"
Track Legs:	1 1/4", 2", 2 1/2", 3"
Design Thickness:	0.0157"(15mils/25GaEQ/50ksi), 0.0200"(19mils/20GaEQ/50ksi), 0.0245"(23mils/20GaEQ/50ksi), 0.0188"(18mils/25Ga/33ksi), 0.0283"(27mils/22Ga/33ksi), 0.0312"(30mils/20Ga/33ksi)
Protective Coatings:	Hot-Dip coating weight in accordance with ASTM A653 - G40, AZ40, A40 Minimum. Heavier coating weights are available upon request

Framing Standards

AISI S220	North American Standard for Cold Formed Steel Framing – Non-Structural Members
ASTM A1003	Material Specification for Steel Sheet
ASTM C645	Standard Specification for Non-Structural steel framing members in interior construction assemblies
ASTM C745	Standard Specification for Installation of steel framing
ICC-ES	ICC-ES Report #3943P for SmartStud25(15mils), SmartStud20(19mils), SmartStud23mils

Division: 05.40.00 Structural Steel Framing Products

Web Depths:	2 1/2", 3 5/8", 4", 6", 8", 10", 12", 14"
Flange Widths:	1 3/8", 1 5/8", 2", 2 1/2", 3", 3 1/2"
Track Legs:	1 1/4", 2", 2 1/2", 3"
SmartFrame Connectors:	All product types
Framing Accessories:	CRC, RC-1, RC-2, Hat Furring, Z Furring, Angles, Flat Straps
Structural Design Thickness:	0.0346"(33mils/20Ga/33ksi), 0.0451"(43mils/18Ga/33ksi), 0.0566"(54mils/16Ga/33ksi), 0.0713"(68mils/14Ga/33ksi), 0.1017"(97mils/12Ga/33ksi) Materials of 54mil, 68mil & 97mil thickness are available in 50ksi upon request
Protective Coatings:	Hot-Dip coating weight in accordance with ASTM A653 of CP60 minimum including Galvanized, Galvalume & Galvannealed coating types. CP90 or heavier coating weights available upon request

Framing Standards

AISI S100	North American Specification for the Design of Cold Formed Steel Structural Members
AISI S200	North American Standard for Cold Formed Steel General Provision
ASTM C955	Standard for Load bearing steel framing
ASTM A1003	Material Specification for Steel Sheet
ASTM C1007	Standard Specification for installation of steel framing
ICC-ES	ICC-ES Report #3957P for Steel Studs of 18, 27, 30, 33, 43, 54, 68 & 97mils

Protective Coating Standards

ASTM A653	Standard Specification for Steel Sheet, Zinc Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip process
ASTM A792	Standard Specification for Steel Sheet, Aluminum-Zinc Alloy Coated (Galvalume) by the Hot-Dip process
ASTM A924	Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip process
ASTM A755	Standard Specification for Steel Sheet, Metallic Coated by the Hot-Dip process

Branded UL Listings for SmartStud/SmartTrack

U375, U403, U412, U419, U421, U435, U450, U465, U466, U475, V418, V438, V448, V477, V489, V496, V498,
 CRACO products may meet or exceed other generic UL, Intertek & Factory Mutual fire listings.

