

CODE APPROVALS AND PERFORMANCE STANDARDS

Division: 09.22.16 Non-Structural 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/25Ga/50ksi), 0.0200"(19mils/20Ga/50ksi), 0.0245"(23mils/20Ga/50ksi), 0.0188"(18mils/25Ga/33ksi), 0.0283"(27mils/22Ga/33ksi), 0.0312"(30mils/20Ga/33ksi)
Protective Coating:	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 - NonStructural Members
ASTM A1003	Material Specification for Steel Sheet.
ASTM C645	Standard Specification for NonStructural steel framing members in interior construction assemblies.
ASTM C745	Standard Specification for Installation of steel framing.

Division: 05.40.00 Structural Steel Framing Products

Web Depths:	2 1/2", 3 5/8", 4", 6", 8", 10", 12", 14"
Flange Width:	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, RC-XL, Hat Furring, Z Furring, Angles
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 Coating:	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 S240	North American Standard for Cold Formed Steel Structural Framing.
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 #3943 for SmartStud25, SmartStud20, SmartStud23mil. 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 UL, Intertek & Factory Mutual fire listings.

