

## GypFast fasteners for the attachment of gypsum sheathing to light gage steel framing

### PIN SPECIFICATIONS

- Made from AISI 1060-1065 steel. Austempered to a core hardness of 52-56 Rc
- Typical tensile strength: 270,000 psi
- Typical shear strength: 162,000 psi
- **STANDARD FINISHES**
  - Mechanical zinc plate to a minimum thickness of .0002 meets requirements of ASTM B695
  - Climacoat

### APPROVALS/LISTINGS

- **ICC Evaluation Service, Inc.**
  - #ESR-2174 GypFast
  - #ER-5380 GypFast
- **City of Los Angeles**
  - #RR-25638 GypFast

### ALLOWABLE NEGATIVE LOADS USING RAMSET GYPFAST FASTENERS

SHEATHING TYPE	MINIMUM STEEL STUD GAGE	MAXIMUM STEEL STUD SPACING (IN)	FASTENER SPACING (IN)	ALLOWABLE NEGATIVE LOAD (PSF)
1/2" GP DensGlass Gold Exterior Sheathing	20g to 12g	24	8	6
		16	8	8
5/8" GP DensGlass Gold Fireguard Type X Sheathing	20g to 12g	24	8	24
		16	8	32
1/2" USG Sheetrock Brand Sheathing	20g to 12g	24	8	12
		16	8	16
5/8" USG Sheetrock Brand Fire Code Type X Sheathing	20g to 12g	24	8	18
		16	8	24
1/2" USG Fiberock Brand Aquatough	20g to 12g	24	8	30
		16	8	40
5/8" USG Securock Glass-Mat Sheathing	18g	16	8	35
5/8" CertainTeed GlasRoc Sheathing Type X	18g	24	8	20
5/8" CertainTeed GlasRoc Sheathing Type X	16g	24	8	18
National Gypsum e2XP Extended Exposure Sheathing	18g	16	8	39

**Note 1:** Tested in accordance with ASTM E330. **Note 2:** Values shown reflect a 3:1 safety factor. **Note 3:** The fasteners must be driven to a depth at which the shank pierces the steel, such that the tip protrudes from the base metal a minimum of 1/2-inch. **Note 4:** Tabulated values do not allow any overdriving of fasteners into sheathing.

### CORROSION DATA ASTM B117 SALT SPRAY

GF112		S-12 SELF DRILL SCREW
1560 hours (10% Red Rust)	Driven	
3240 Hours (10% Red Rust)	UnDriven	24 Hours (5% Red Rust)

GypFast Fastener has Climacoat Long Life Polymer Coating; S-12 Screw has .0002" Electro zinc and Clear Chromate.