



PRODUCT CATALOG



By providing a lighter, stronger, more efficient framing system, ViperStud® has earned the trust of industry leaders nationwide. Made from high-strength steel and formed with exclusive ViperRib technology, ViperStud® is the flat steel system that will be here for the long term, you can count on that.

***The Proprietary Steel Framing System
That Has Withstood The Test Of Time...***



Standing Strong.™

A Track Record You Can Count On, Verified Code Compliant

Code Information

ViperStud® Drywall Framing has been verified by the following Accredited Test Agencies and/or certified by the Product Evaluation Agencies listed here.



ViperStud® Drywall Framing System is tested or conforms to these standards:

- **ASTM A1003** Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members
- **ASTM C645** Standard Specification for Nonstructural Steel Framing Members
- **ASTM C754** Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products
- **ASTM E90** Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
- **ASTM E119** Standard Test Methods for Fire Tests of Building construction and Materials. Fire rated for 1, 2, 3, and 4 hour rated walls.
- **ASTM E72** Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
- **ASTM C1629** Standard Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels

Patents:

- US D621,963
US D621,964
CAN 134144
CAN 134143



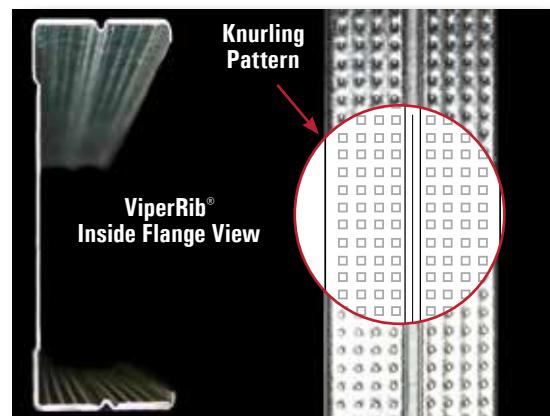
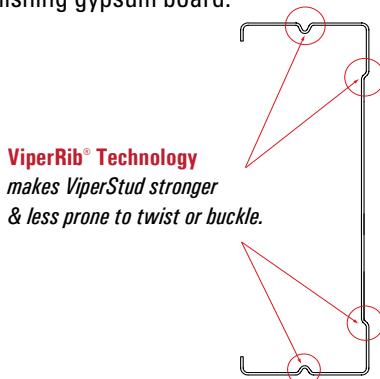
A High Strength, Flat Steel Drywall Framing System

The ViperStud® Drywall Framing System offers all the benefits of conventional flat steel studs with a design that performs even better. The ViperStud drywall framing system is interchangeable with conventional framing components. Since ViperStud is flat steel, it is easy to plumb and mark, make minor adjustments and use laser levels. This makes installation the same as conventional studs. No extra training or special fasteners are required for installation.

Knurl & Rib Technology

The stud and track system utilizes a knurled flange and reinforcing ribs along with a flat stud design. Knurling is the pattern of small ridges formed on the flange to prevent screws from walking. Since knurling is only formed on one side of the steel, the stud stays flat, never compromising the strength or thickness of the steel.

ViperRib® technology applies a reinforced ribbing over the web and flange of ViperStud. The ribs provide added strength, are less prone to twist and creating "high-shoulders" when finishing gypsum board.

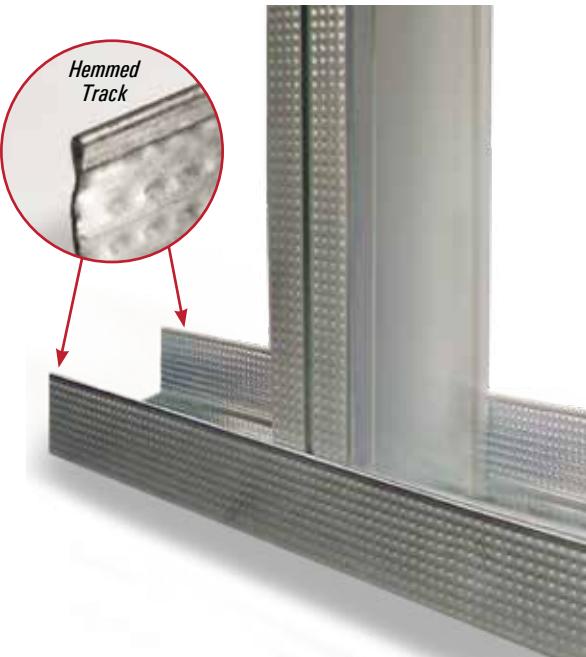


The One-Track System

We've tested ViperTrack25 extensively with Viper25 and Viper20 studs. Our third-party testing proves that it is not necessary to use the same thickness track as the stud. Now you can submit a lighter gauge track with your Viper20 studs and reduce your cost.

- Saves money
- Fewer items to inventory
- Safer, ViperTrack25 is fully hemmed
- Supported by testing

Not applicable for Impact or Abuse Rated walls. Fire rated walls should be built per specific assembly requirements.



ViperStud®

MODEL NO.	DESIGN THICKNESS (in.)	YIELD STRESS (ksi)	WEB SIZES (in.)	FLANGE (in.)	RETURN LIP (in.)
VIPER25	0.0155	50	1-5/8, 2-1/2, 3-5/8, 4, 6	1-1/4	1/4
VIPER20	0.0190	70	1-5/8, 2-1/2, 3-5/8, 4, 6	1-1/4	various
VIPER 30mil	0.0312	33	1-5/8, 2-1/2, 3-5/8, 4, 6	1-1/4	1/4
VIPER 33mil	0.0346	33	1-5/8, 2-1/2, 3-5/8, 4, 6	1-1/4	1/4

ViperTrack®

MODEL NO.	DESIGN THICKNESS (in.)	YIELD STRESS (ksi)	WEB SIZES (in.)	LEG SIZE (in.)
VIPERTRACK25	0.0155	50	1-5/8, 2-1/2, 3-5/8, 4, 6	1-1/4
VIPERTRACK20	0.0190	50	1-5/8, 2-1/2, 3-5/8, 4, 6	1-1/4
VIPERTRACK 30mil	0.0312	33	1-5/8, 2-1/2, 3-5/8, 4, 6	1-1/4
VIPERTRACK 33mil	0.0346	33	1-5/8, 2-1/2, 3-5/8, 4, 6	1-1/4

Notes:

1. Coatings per ASTM C645 & ASTM A 1003, Table 1.
2. G60 and G90 available upon request.
3. Knockout size for 1-5/8" & 2-1/2" Stud is 3/4" x 1-3/4". Knockout size for 3-5/8", 4", & 6" Stud is 1-1/2" x 2-1/2"

Viper25 (15 mil) is equivalent to conventional 25 gauge (18 mil) studs, and Viper20 (19 mil) is equivalent to conventional 20 gauge studs (30 mil).

**DEEP LEG DEFLECTION TRACK**

Deflection track can be required at the top of a wall to allow for anticipated downward movement of the primary structure. A gap is provided between the end of the stud and track to accommodate this movement. The studs are not fastened to the track to allow movement up or down. The bridging is required within 12" from the top to keep the stud in place and provide rotational restraint. The leg of the track must be long enough to provide the required gap, bearing surface for the studs and allow for construction tolerances.

MODEL NO.	DESIGN THICKNESS (in.)	YIELD STRESS (ksi)	WEB SIZES (in.)	LEG SIZE (in.)	GAP (in.)	LOAD (lb.)	MAX HEIGHT 5 psf, 16" o.c.
VIPERTRACK25	0.0155	50	1-5/8, 2-1/2, 3-5/8, 4, 6	2"	1/2"	34	10'-4"
			1-5/8, 2-1/2, 3-5/8, 4, 6	2"	1/2"	72	21'-6"
VIPERTRACK20	0.0190	70	2-1/2, 3-5/8, 4, 6	2-1/2"	3/4"	48	14'-4"
			2-1/2, 3-5/8, 4, 6	3"	1"	36	10'-9"
VIPERTRACK 30mil			1-5/8, 2-1/2, 3-5/8, 4, 6	2"	1/2"	92	27'-6"
			2-1/2, 3-5/8, 4, 6	2-1/2"	3/4"	61	18'-4"
VIPERTRACK	0.0312	33	2-1/2, 3-5/8, 4, 6	3"	1"	46	13'-9"
			1-5/8, 2-1/2, 3-5/8, 4, 6	2"	1/2"	113	33'-10"
			2-1/2, 3-5/8, 4, 6	2-1/2"	3/4"	75	22'-7"
	0.0346	33	2-1/2, 3-5/8, 4, 6	3"	1"	56	16'-11"

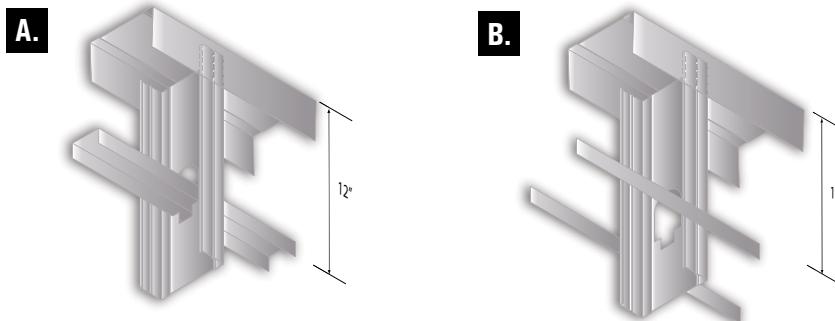
NOTES:

1. Max wall height based on track capacity and specified gap.
2. Wall height may also be limited by stud member. Check stud height separately of track capacity.
3. 1-5/8" deep leg track available with max 2" leg.
4. Wall studs are not fastened to deep leg track.
5. G60, G90 available upon request.
6. Coating per ASTM C645 & ASTM A 1003, Table 1.

Studs are secured by one of the following methods:

A. CR channel and BRC Clip.
12" down from the stud end.

B. Attaching flat strap at each side of the stud flange. 12" down from the stud end.



LIMITING CEILING SPANS

L/240			4 PSF LATERAL SUPPORT OF COMPRESSION FLANGE						6 PSF LATERAL SUPPORT OF COMPRESSION FLANGE					
MODEL NO.	MEMBER	YIELD STRESS (ksi)	UNSUPPORTED			MIDSPAN			UNSUPPORTED			MIDSPAN		
			12	16	24	12	16	24	12	16	24	12	16	24
VIPER25	162VS125-15	50	7' 8"	7' 1"	6' 4"	7' 9"	7' 0"	6' 1"	6' 11"	6' 4"	5' 6"	6' 9"	6' 1"	5' 3"
	250VS125-15	50	8' 8"	8' 0"	7' 3"	10' 11"	9' 10"	8' 6"	7' 10"	7' 3"	6' 6"	9' 6"	8' 6"	7' 5"
	362VS125-15	50	9' 8"	9' 0"	8' 1"	13' 0"	11' 11"	10' 6"	8' 9"	8' 1"	7' 4"	11' 6"	10' 6"	9' 3"
	400VS125-15	50	10' 0"	9' 3"	8' 4"	13' 4"	12' 3"	10' 10"	9' 0"	8' 4"	7' 6"	11' 10"	10' 10"	9' 6"
	600VS125-15	50	11' 4"	10' 6"	9' 6"	15' 6"	14' 3"	12' 7"	10' 3"	9' 6"	8' 7"	13' 9"	12' 7"	8' 11"
VIPER20	162VS125-18	70	8' 2"	7' 7"	6' 10"	8' 5"	7' 7"	6' 7"	7' 4"	6' 10"	5' 11"	7' 4"	6' 7"	5' 8"
	250VS125-18	70	9' 6"	8' 9"	7' 11"	12' 0"	10' 10"	9' 6"	8' 6"	7' 11"	7' 1"	10' 5"	9' 6"	8' 2"
	362VS125-18	70	10' 3"	9' 7"	8' 7"	14' 2"	13' 0"	11' 6"	9' 3"	8' 7"	7' 9"	12' 7"	11' 6"	10' 3"
	400VS125-18	70	10' 11"	10' 1"	9' 1"	15' 3"	14' 1"	12' 6"	9' 10"	9' 1"	8' 3"	13' 7"	12' 6"	11' 2"
	600VS125-18	70	12' 6"	11' 8"	10' 6"	17' 8"	16' 5"	14' 8"	11' 4"	10' 6"	9' 6"	15' 11"	14' 8"	13' 0"
VIPER 30mil	162VS125-30	33	9' 10"	9' 0"	7' 11"	10' 0"	9' 1"	7' 11"	8' 9"	7' 11"	6' 11"	8' 9"	7' 11"	6' 11"
	250VS125-30	33	10' 10"	10' 0"	8' 11"	13' 11"	12' 7"	11' 0"	9' 8"	8' 11"	8' 0"	12' 2"	11' 0"	9' 7"
	362VS125-30	33	11' 11"	11' 0"	9' 10"	16' 9"	15' 6"	13' 11"	10' 8"	9' 10"	8' 10"	15' 0"	13' 11"	12' 4"
	400VS125-30	33	12' 3"	11' 4"	10' 2"	17' 3"	15' 11"	14' 3"	10' 11"	10' 2"	9' 1"	15' 5"	14' 3"	12' 9"
	600VS125-30	33	13' 8"	12' 8"	11' 5"	19' 9"	18' 4"	16' 5"	12' 4"	11' 5"	10' 3"	17' 9"	16' 5"	14' 9"
VIPER 33mil	162VS125-33	33	10' 3"	9' 5"	8' 3"	10' 4"	9' 5"	8' 3"	9' 0"	8' 3"	7' 2"	9' 0"	8' 3"	7' 2"
	250VS125-33	33	11' 3"	10' 5"	9' 3"	14' 4"	13' 0"	11' 5"	10' 0"	9' 3"	8' 3"	12' 6"	11' 5"	9' 11"
	362VS125-33	33	12' 4"	11' 5"	10' 2"	17' 4"	16' 1"	14' 5"	11' 0"	10' 2"	9' 2"	15' 7"	14' 5"	12' 10"
	400VS125-33	33	12' 8"	11' 9"	10' 6"	17' 10"	16' 6"	14' 9"	11' 4"	10' 6"	9' 5"	15' 11"	14' 9"	13' 3"
	600VS125-33	33	14' 2"	13' 1"	11' 9"	20' 4"	18' 10"	16' 11"	12' 8"	11' 9"	10' 7"	18' 3"	16' 11"	15' 3"
L/360			4 PSF LATERAL SUPPORT OF COMPRESSION FLANGE						6 PSF LATERAL SUPPORT OF COMPRESSION FLANGE					
MODEL NO.	MEMBER	YIELD STRESS (ksi)	UNSUPPORTED			MIDSPAN			UNSUPPORTED			MIDSPAN		
			12	16	24	12	16	24	12	16	24	12	16	24
VIPER25	162VS125-15	50	7' 0"	6' 4"	5' 6"	6' 9"	6' 1"	5' 4"	6' 1"	5' 6"	4' 9"	5' 10"	5' 4"	4' 7"
	250VS125-15	50	8' 8"	8' 0"	7' 3"	9' 6"	8' 7"	7' 5"	7' 10"	7' 3"	6' 6"	8' 3"	7' 5"	6' 5"
	362VS125-15	50	9' 8"	9' 0"	8' 1"	12' 9"	11' 7"	10' 0"	8' 9"	8' 1"	7' 4"	11' 1"	10' 0"	8' 7"
	400VS125-15	50	10' 0"	9' 3"	8' 4"	13' 4"	12' 3"	10' 10"	9' 0"	8' 4"	7' 6"	11' 10"	10' 10"	9' 3"
	600VS125-15	50	11' 4"	10' 6"	9' 6"	15' 6"	14' 3"	12' 7"	10' 3"	9' 6"	8' 7"	13' 9"	12' 7"	8' 11"
VIPER20	162VS125-18	70	7' 6"	6' 10"	5' 11"	7' 5"	6' 8"	5' 9"	6' 6"	5' 11"	5' 2"	6' 5"	5' 9"	5' 0"
	250VS125-18	70	9' 6"	8' 9"	7' 11"	10' 5"	9' 6"	8' 3"	8' 6"	7' 11"	7' 1"	9' 1"	8' 3"	7' 2"
	362VS125-18	70	10' 3"	9' 7"	8' 7"	13' 10"	12' 6"	10' 11"	9' 3"	8' 7"	7' 9"	12' 0"	10' 11"	9' 5"
	400VS125-18	70	10' 11"	10' 1"	9' 1"	15' 0"	13' 8"	11' 11"	9' 10"	9' 1"	8' 3"	13' 2"	11' 11"	10' 5"
	600VS125-18	70	12' 6"	11' 8"	10' 6"	17' 8"	16' 5"	14' 8"	11' 4"	10' 6"	9' 6"	15' 11"	14' 8"	13' 0"
VIPER 30mil	162VS125-30	33	8' 9"	7' 11"	6' 11"	8' 9"	7' 11"	6' 11"	7' 8"	6' 11"	6' 1"	7' 8"	6' 11"	6' 0"
	250VS125-30	33	10' 10"	10' 0"	8' 11"	12' 2"	11' 0"	9' 7"	9' 8"	8' 11"	8' 0"	10' 7"	9' 7"	8' 5"
	362VS125-30	33	11' 11"	11' 0"	9' 10"	16' 2"	14' 8"	12' 10"	10' 8"	9' 10"	8' 10"	14' 2"	12' 10"	11' 2"
	400VS125-30	33	12' 3"	11' 4"	10' 2"	17' 3"	15' 11"	13' 10"	10' 11"	10' 2"	9' 1"	15' 3"	13' 10"	12' 1"
	600VS125-30	33	13' 8"	12' 8"	11' 5"	19' 9"	18' 4"	16' 5"	12' 4"	11' 5"	10' 3"	17' 9"	16' 5"	14' 9"
VIPER 33mil	162VS125-33	33	9' 0"	8' 3"	7' 2"	9' 0"	8' 3"	7' 2"	7' 11"	7' 2"	6' 3"	7' 11"	7' 2"	6' 3"
	250VS125-33	33	11' 3"	10' 5"	9' 3"	12' 6"	11' 5"	9' 11"	10' 0"	9' 3"	8' 3"	10' 11"	9' 11"	8' 8"
	362VS125-33	33	12' 4"	11' 5"	10' 2"	16' 9"	15' 2"	13' 3"	11' 0"	10' 2"	9' 2"	14' 7"	13' 3"	11' 7"
	400VS125-33	33	12' 8"	11' 9"	10' 6"	17' 10"	16' 5"	14' 4"	11' 4"	10' 6"	9' 5"	15' 9"	14' 4"	12' 6"
	600VS125-33	33	14' 2"	13' 1"	11' 9"	20' 4"	18' 10"	16' 11"	12' 8"	11' 9"	10' 7"	18' 3"	16' 11"	15' 3"

NOTES:

- Ceiling spans are based on CSA S136-16 by considering flexure, shear, web crippling and deflection.
- Web crippling is based on a rational analysis/tests with a bearing length of 1".
- Web stiffeners are not required when $h/t > 200$ since web crippling and shear was confirmed by testing.
- Span values are for simple spans, with compression flange either unbraced or braced at midspan.
- Loads are considered ceiling assembly dead loads, not including storage or any live load for accessible ceilings.
- The factory punchouts are in accordance with Section C5 of AISI S201-12.
- The distance from the centre of the last punchout to the end of the member shall not be less than 12".

FACTORED SCREW CONNECTION RESISTANCES (lbs.)

MODEL NO.	DESIGN THICKNESS (in.)	YIELD STRESS (ksi)	ULTIMATE STRESS (ksi)	#6 SCREW			#8 SCREW			#10 SCREW		
				(Pss = 643 lbs, 7 Pts = 419 lbs) 0.138" dia, 0.25" Head			(Pss = 1278 lbs, 7 Pts = 586 lbs) 0.164" dia, 0.3125" Head			(Pss = 1644 lbs, 7 Pts = 1158 lbs) 0.190" dia, 0.340" Head		
				Shear	Pull-Out	Pull-Over	Shear	Pull-Out	Pull-Over	Shear	Pull-Out	Pull-Over
Viper25	0.0155	50	50	90*	36	116	108*	43	145	112*	50	158
Viper20	0.0190	70	70	114	62	168	125	74	234	134	86	271
Conventional (25ga)	0.0188	33	33	53	29	93	58	35	116	62	40	127
Conventional (20ga DW) or Viper30 mil	0.0312	33	33	113	48	154	124	57	193	133	67	210
Conventional (20ga STR) or Viper33 mil	0.0346	33	45	181	73	168	197	87	234	212	101	318

NOTES:

- Factored screw connection resistances are based on Section J5 of CSA S136-16 using limit states design (LSD).
- Screw pull-out resistances are based on the listed respective head diameter.
- Two sheets of equal thickness and tensile strength are assumed in tabulated values.
- When materials of different steel thickness and tensile strength are connected, use the lowest for shear resistance (tilting and bearing). For pull-out resistance use sheet closest to screw tip and for pull-over resistance use sheet closest to screw head.
- Where multiple fasteners are used, screws are assumed to have a centre-to-centre spacing of at least 3 times the nominal diameter.
- Screws are assumed to have a centre-of-screw to edge-of-steel dimension of at least 1.5 times the nominal screw diameter.
- When screws are subjected to a combination of shear and tension, interaction equations in Section J4.5 of CSA S136-16 shall be used.
- VIPER25* screw shear values are tested based on CSA S136-16 and AISI S905 - tests conducted by Structural Testing and Research Inc.
- All other values are calculated based on CSA S136-16.

SCREW PENETRATION TESTING (ASTM C 645, ASTM C 1002)

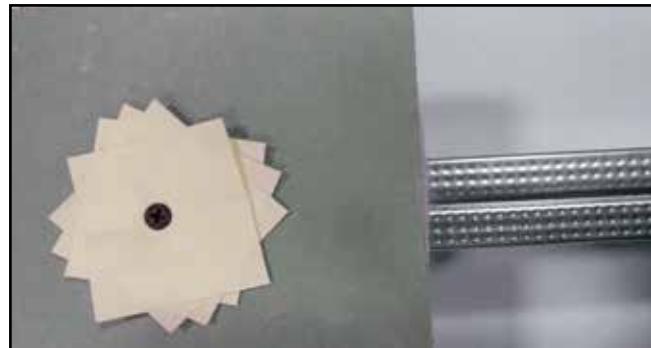
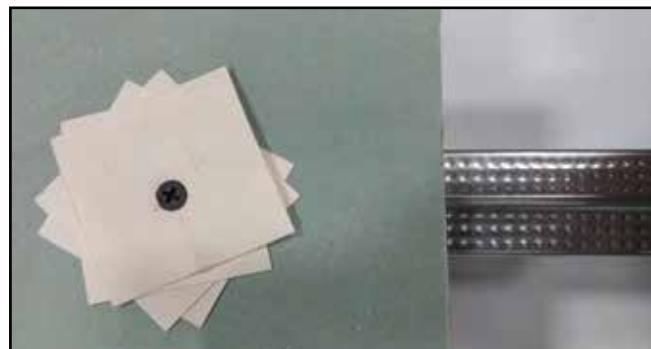
To pass screw penetration tests, studs must be capable of pulling the head of the screw below surface of gypsum board in less than 2 seconds without spin out.

GYPSUM BOARD – VIPER25 & VIPER20

1/2" Type C	Viper25	#6 x1-1/4"	2500	PASS
5/8" Type X	Viper25	Type S sharp pt	2500	PASS

HI-ABUSE/HI-IMPACT – VIPER20

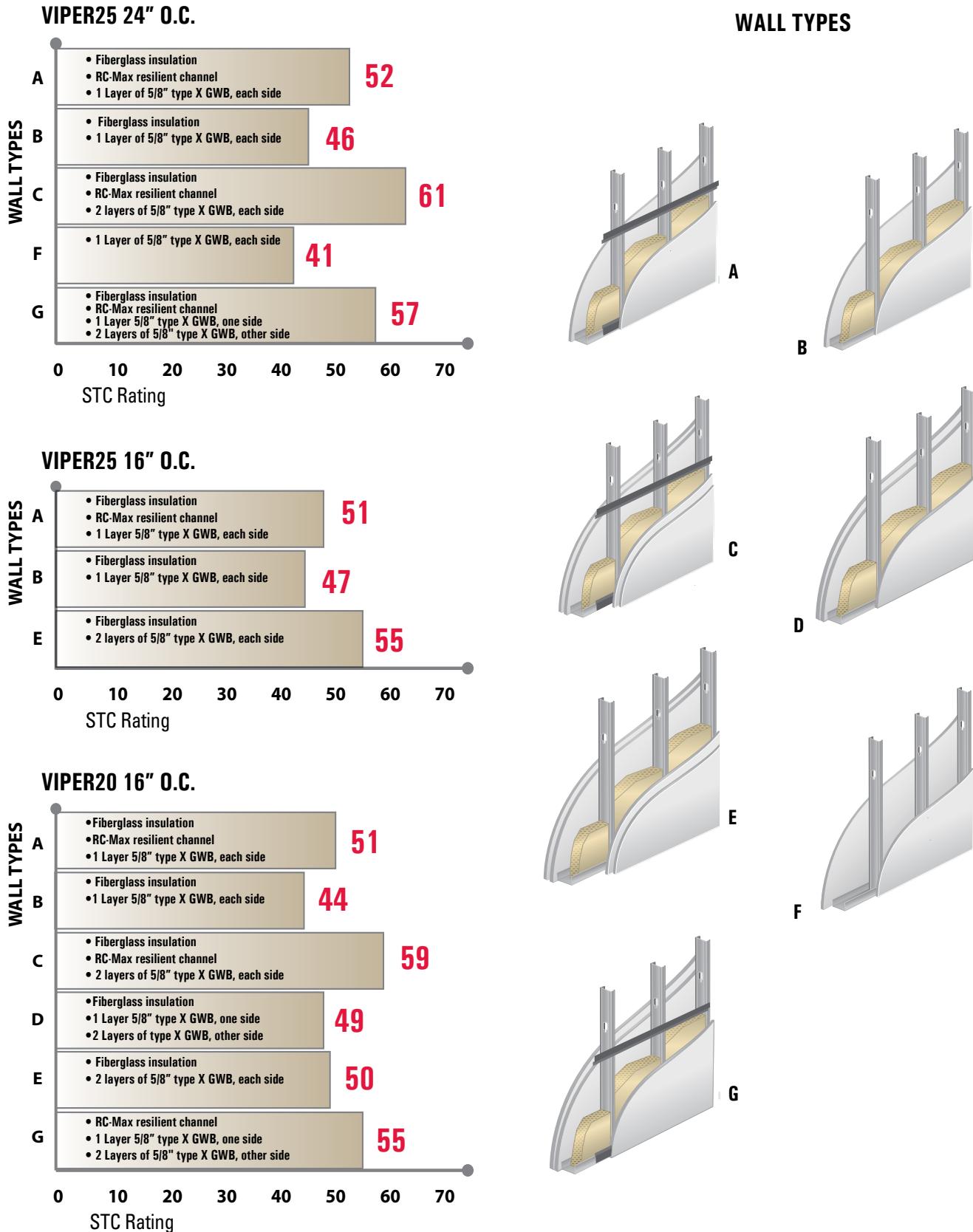
SHEATHING TYPE AND THICKNESS	STEEL FRAMING	SCREW TYPE	DRILL SPEED (RPM)	C645 PASS/ FAIL ASTM
USG 5/8" High Impact	3-5/8" Viper20	#6 x 1-1/4" Type S sharp pt	4000	PASS
National Gypsum 5/8" High Impact	3-5/8" Viper20	#6 x 1-1/4" Type S sharp pt	4000	PASS
Georgia Pacific 5/8" High Impact	3-5/8" Viper20	#6 x 1-1/4" Type S sharp pt	4000	PASS
CertainTeed 5/8" High Impact	3-5/8" Viper20	#6 x 1-1/4" Type S sharp pt	4000	PASS
Continental 5/8" High Impact	3-5/8" Viper20	#6 x 1-1/4" Type S sharp pt	4000	PASS

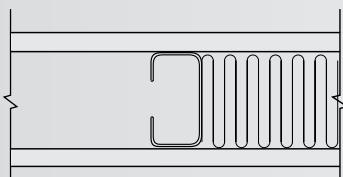
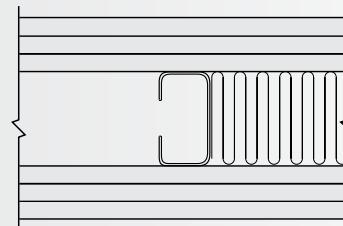
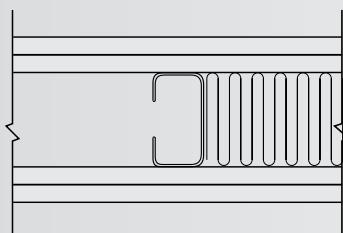
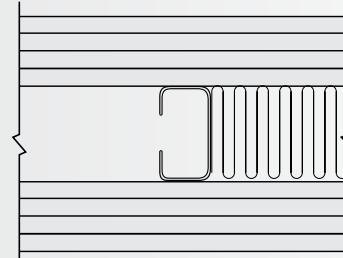


*Testing conducted by Structural Testing & Research, Inc.

ACOUSTIC PERFORMANCE (ASTM E 90)

Acoustic tests were performed using 3-5/8" ViperStud steel studs. The tests were performed according to ASTM E 90 in different configurations.



FIRE TESTING DATA (ASTM E 119)**TYPICAL ASSEMBLIES (see specific design for requirements)****1-Hour Wall Assembly****3-Hour Wall Assembly****VIPERSTUD® IS FIRE TESTED****2-Hour Wall Assembly****4-Hour Wall Assembly**

Insulation shown is optional in most assemblies.

Check UL Design Guide for rated assembly requirements.

VIPERSTUD® FIRE TESTING DATA (ASTM E119)

UL Design No.	ViperStud Min. Thickness	Wall Rating:	UL Design No.	ViperStud Min. Thickness	Wall Rating:
U375	Viper25	2 HR	V412	Viper20	2 HR
U403	Viper20	2 HR	V416	Viper20	1 HR
U407	Viper25	1/2 or 1 HR	V417	Viper25	1 HR
U408	Viper20	2 HR	V418	Viper20	2 HR
U411	Viper20	2 HR	V419	Viper20	2 HR
U412	Viper20	2 HR	V425	Viper20	1 HR
U419	Viper25	1, 2, 3 or 4 HR	V435	Viper25	1 HR
U421	Viper20	2 HR	V437	Viper20	1 HR Chase
U431	Viper20	4 HR	V438	Viper25	1, 2, 3 or 4 HR
U435	Viper20	3 HR or 4 HR	V443	Viper20	4 HR
U436	Viper20	1, 2 or 3 HR	V444	Viper20	1 HR
U450	Viper20	1, 3 or 4 HR	V448	Viper25	1 HR
U451	Viper20	1 HR	V449	Viper20	2 HR
U454	Viper20	2 HR	V452	Viper25	1 or 2 HR
U463	Viper20	3 or 4 HR	V469	Viper25	1 or 2 HR Chase
U465	Viper20	1 HR	V476	Viper20	1, 3 or 4 HR
U466	Viper20	1 HR Chase	V486	Viper25	1, 2, or 2-1/2 HR
U471	Viper20	1-1/2 HR	V488	Viper25	1 or 2 HR Chase
U475	Viper20	1, 2, 3 or 4 HR	V489	Viper25	1, 2, 3, or 4 HR
U478	Viper20	3 HR	V496	Viper20	1 or 2 HR Chase
U491	Viper20	2 HR	V498	Viper25	1, 2, 3 or 4 HR
U493	Viper25	1, 2 HR Chase	W411	Viper25	1/2 or 1 HR
U494	Viper20	1 HR	W415	Viper20	1 or 2 HR
U495	Viper20	1 or 2 HR	W423	Viper25	1/2 or 1 HR
U496	Viper20	1 HR	W424	Viper25	1/2 or 1 HR
V410	Viper20	2 HR	W432	Viper25	2 HR
			W433	Viper25	1/2 HR
			W440	Viper25	1, 2, 3 or 4 HR
			W442	Viper20	2 HR
			W443	Viper25	1, 1-1/2 HR

Note: Check UL Design assembly for minimum stud web width and other requirements.
 Visit <https://iq.ulprospector.com/en/profile?e=206790> for more information on fire rated assemblies.

Test Summary:

All tests were conducted to ASTM C 1629 standard using Test Method ASTM E 695 for Soft Body Impact Tests.

Test Materials:

Steel Studs – Viper20 Stud and track spaced 16" o.c., do not use ViperTrack25 on Viper20 studs for impact resistant walls.

Testing conducted by IAS Certified 3rd party testing lab Progressive Engineering.

TESTS CONDUCTED**SOFT BODY IMPACT CLASSIFICATION****USG**

Board Type: Mold Tough® VHI Firecode® X Panels

Level 3

CERTAINTEED

Board Type: Extreme Impact

Level 3

AMERICAN

Board Type: M-Bloc® IR 5/8" Type X Impact Resistant

Level 3

GEORGIA PACIFIC

Board Type: DensArmor Plus® Impact-Resistant Interior Panel

Level 3

CONTINENTAL™

Board Type: Protecta® HIR 300

Level 3

PABCO®

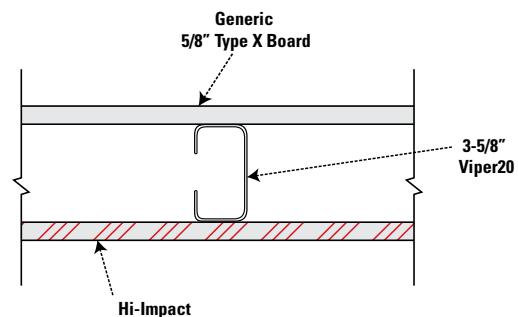
Board Type: PABCO® High Impact

Level 3

NATIONAL GYPSUM

Board Type: Hi-Impact® XP® Gypsum Board

Level 3



Soft body impact test using ViperStud.



High-Impact wallboard from seven manufacturers were tested to ASTM C1629 by Progressive Engineering, Inc. mounted on Viper20 Studs. All boards earned a Level 3 Classification (highest possible) on Viper20. The test program results are reflected in PEI Evaluation Services Report # AER-17109.

Mold Tough® is a registered trademark of USG

Extreme Impact® is a registered trademark of CertainTeed

M-Bloc® is a registered trademark of American Gypsum

DensArmor Plus® is a registered trademark of Georgia-Pacific

Protecta® is a registered trademark of Continental Building Products

PABCO High Impact® is a registered trademark of PABCO Gypsum

Hi-Impact® XP® is a registered trademark of National Gypsum





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