ITW Buildex
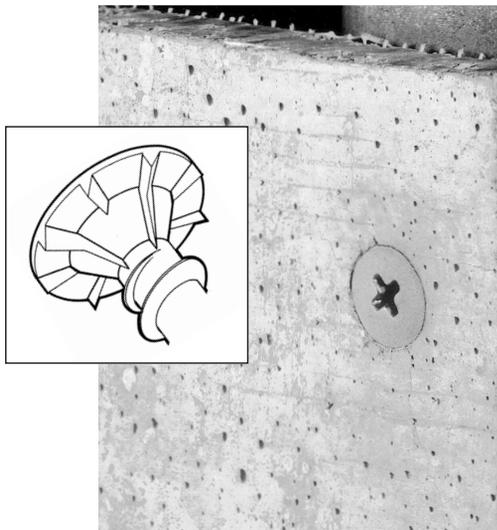
Rock-On Backer-On Fasteners

Cement Board and Fiber Cement Backerboard Fasteners

DESCRIPTION/ADVANTAGES

Cement Board Applications—

ROCK-ON

- Rib design under head countersinks into dense material while preventing stripouts.
- Two point types for steel and wood applications.
- Larger head diameter increases board surface contact for greater pullover resistance.
- Rock-On is recommended for ACQ treated wood.

BACKER-ON

- Gimlet points starts easily - no predrilling.
- Serrated thread design provides reduced installation torque and superior holding power.
- Rib design under head countersinks into dense material while preventing stripouts.
- #2 square drive prevents bit from slipping.

SPECIFICATIONS

ROCK-ON

Diameter	#8; #9
Thread Form	8-18; 9-15 Hi-Lo®
Drill Point	#8 Type S-12®; #9 Type "S"
Head Style	Wafer Head with countersinking ribs
Finish	Climacoat®

BACKER-ON

|	
Diameter	#10
Thread Form	10-10 Serrated
Drill Point	Gimlet
Head Style	Wafer Head with countersinking ribs
Finish	Long life epoxy topcoat/zinc plating.

INSTALLATION INSTRUCTIONS

1. A standard screwgun with a depth sensitive nosepiece should be used to install cement board fasteners. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500.

2. Adjust the screwgun nosepiece to properly seat the fastener.

3. Worn or damaged bit tips should be replaced.

4. The fastener is fully seated when the head is flush with the work surface.

5. Overdrivng may result in torsional failure of the fastener or stripout of the substrate.

6. The fastener must penetrate beyond the metal structure a minimum of 3 pitches of thread.
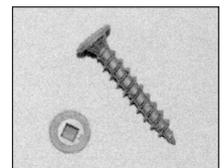
APPLICATIONS
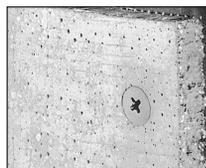
Cement-type boards or any dense sheathings to steel or wood studs.
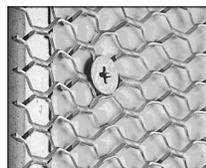
Wire lath to steel or wood studs.

Plywood to steel or wood studs.

Hardie Fiber Cement Backerboard

Rock-On, Backer-On Fasteners

SELECTION CHART

Hi-Lo Rock-On Fasteners

PART NUMBER	REFERENCE NUMBER	DESCRIPTION	HEAD STYLE	MATERIAL ATTACHMENT RANGE	BOX QTY	APPLICATIONS
BX23202	2151500	9-15 x 1-1/4"	#2 PW	Up to 3/4" Material Thickness to Wood 3/8"-1" Material Thickness to Steel	600	- Cement Board to wood or light gauge steel 26-20 gauge
BX23135	2153500	9-15 x 1-5/8"	#2 PW	Up to 1-1/8" Material Thickness to Wood 3/8"-1-3/8" Material Thickness to Steel	150	

S-12 Rock-On Fasteners
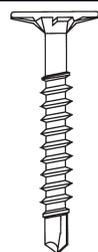
PART NUMBER	REFERENCE NUMBER	DESCRIPTION	HEAD STYLE	MATERIAL ATTACHMENT RANGE	CASE QTY	"P" PAK QTY	APPLICATIONS
6310 [P]	2156500 [P]	8-18 x 1-1/4"	#2 PW	3/8"-3/4" Material Thickness to Steel	5,000	1,000	- Cement Board to steel 20-12 gauge
6330 [P]	2159500 [P]	8-18 x 1-5/8"	#2 PW	3/8"-1-1/4" Material Thickness to Steel	4,000	1,000	

[P] Available in P PAK

Backer-On Fasteners

PART NUMBER	REFERENCE NUMBER	DESCRIPTION	HEAD STYLE	MATERIAL ATTACHMENT RANGE	BOX QTY	APPLICATIONS
2406000	2406000	#10 x 1-1/4"	#2 SW	Up to 1/2" Backer Board to Wood Up to 1" Backer Board to Steel	5,000	- Backer Board to wood and steel
BX23206	BX23206	#10 x 1-1/4"	#2 SW	Up to 1/2" Backer Board to Wood Up to 1" Backer Board to Steel	600	
BX23137	BX23137	#10 x 1-1/4"	#2 SW	Up to 1/2" Backer Board to Wood Up to 1" Backer Board to Steel	200	

PERFORMANCE TABLES

Sheet Steel Gauges

GAUGE NO.	12	14	16	18	20	22	24	26
Nominal Decimal Equivalent (Inch)	.105	.075	.060	.048	.036	.030	.024	.018

Pullout Values

FASTENER	STEEL GAUGE (lbs.)							
	26	24	22	20	18	16	14	12
S-12	120	191	239	285	470	663	910	1424
Hi-Lo	163	242	314	370	-----	-----	-----	-----
Backer-On	271	371	457	615	-----	-----	-----	-----

Wood Embedment

#2 SPF 2 x 4	1/2"	3/4"	1"	1-1/4"
Hi-Lo	223	312	555	676
Backer-On	-----	436	780	-----

The values listed are ultimate averages achieved under laboratory conditions and apply to Buildex manufactured fasteners only. Appropriate safety factors should be applied to these values for design purposes.

ITW Construction Products