SURE-BOARD®
...FOR SHEAR
FLOORS
BLAST
BALLISTIC

www.MarinoWARE.com
Sure-Board® Series 200

The Sure-Board® Series 200 Structural Shear Panels are Patented, IAPMO, ICC, DSA and City of Los Angeles approved products. The Series 200 is manufactured with a single 22 gage galvanized sheet of steel laminated to any manufactured version of gypsum panel with a water based EVA adhesive to create an incredibly STRONG shear panel that is 1 and 2 hour fire approved. Series 200W is also a Structural Shear Panel with one Dynamic difference. Since 200W is laminated to 1/8” MDF (medium density fiberboard) the attachment can be with nails or screws. This allows 200W to be attached to WOOD or STEEL framing members with exceptional results. 200W is used as a substrate shear panel and can be installed in the field or in a panelized process, saving even more time in the field. And as we all agree, TIME is MONEY.

Sure-Board® 200 and 200W require no additional furring of the interior and exterior surfaces. The Series 200W when used as shear panels on Wood framing, require only a 1 1/2” thick bottom plate per the tested and approved assemblies. This item alone reduces the cost of cutting all of the studs and posts and reduces the labor time of framing on the first floor shear walls FOREVER!

Replace your Present Shear Panels with Sure-Board® Today

The use of cross bracing, brace frames and plywood sheathing are the commonly used methods of our time. For the first time you can reduce your INSTALLED COSTS relating to lateral shear by as much as 30%. Don’t hesitate, you need to make the change TODAY.

For assistance, please contact MarinoWARE at 800-627-4661 or visit www.MarinoWARE.com. MarinoWARE is licensed by Intermat to manufacture SureBoard and this information is used with permission. This guide reflects the most current information available and supersedes any and all previous publications, effective June 8, 2017. | CAT_SB_REV_1_06072017 | © WARE Industries, Inc. 2017
**SUGGESTED COMMERCIAL APPLICATIONS**, **LOW RISE AND MIX USE CONSTRUCTION**:
- Wind and Seismic Design
- 1-Hour & 2-Hour Fire Resistant Assembly
- High Traffic Areas
- Security
- Non-Combustible Construction
- Backing (Attaching Displays, Cabinetry, etc.)
- Health Clubs (Light Gauge Metal Applications/Basketball courts, etc.)
- Ideal when used in panelization

**SERIES 200 BENEFITS OVER WOOD SHEATHING**:
- Simple to screw on to steel studs
- Higher shear value than plywood
- Significant structural value
- Eliminates additional plywood

**Also Available**
Sure-Board® Series 200W For Wood Frame Walls

**SURE-BOARD® IS A CLEAR WINNER.**

Sure-Board® is a steel sheet and gypsum or cement board composite. Sure-Board® has a smooth gypsum board facing. Sure-Board® is applied only on the section of wall that requires strength.

- Exterior and Interior wood sheathings require as much as 30% more material to eliminate the offset surface left by the sheathings used on shear walls. Sure-Board® integrates normal gypsum board products and requires no leveling.
- Eliminates additional labor costs of installing gypsum board on interior shear wall surfaces. Sure-Board's® gypsum board facing is ready for finishes.
- Straps and gusset plates on shear walls are labor intensive and leave surface irregularities (2 layers of steel and hex head screws) that often result in deformities on interior walls. Sure-Board® leaves no surface irregularities.
- Tension straps and cross bracing are difficult to install without sagging or loose fit. Shear walls require a tight and flat application. Sure-Board® lays flat on the studs surface with no sagging.

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REVOLUTIONARY SURE-BOARD® SERIES 200B IMPROVES THE QUALITY / SAVES TIME WHILE DELIVERING THE HIGHEST QUALITY SHEATHING TO RESIST ALL BLAST AND BALLISTIC APPROVED DESIGNS UTILIZED TODAY.

SUGGESTED COMMERCIAL APPLICATIONS, MILITARY/CIVILIAN FACILITIES, AIRPORTS, HOSPITALS, SCHOOLS, HIGH-SECURITY.

**PRACTICAL APPROVALS:**
- DOD/UCSD BLAST TESTED AND CERTIFIED
- SIMPLE CONVENTIONAL INSTALLATION
- PASSED ALL GSA BLAST STANDARDS
- UL752 CERTIFIED FOR LEVELS 3 THROUGH 8
- 1 & 2 HOUR NON-COMBUSTIBLE

**STANDARD SERIES 200BX EXTERIOR NOTES:**
- STUD SPACING IS DETERMINED BY DESIGN ENGINEER
- SIZE/GAGE OF STUDS AND TRACK TO BE DETERMINED BY DESIGN ENGINEER
- STEEL SHEET AT EXTERIOR SERIES 200 BX (EXTREME BLAST) OR 200 BALLISTIC PANELS TO BE 14 GAGE UNLESS DESIGN ENGINEER SHOULD REQUIRE LESS OR MORE PROTECTION
- SHEATHING MATERIAL TO BE DETERMINED FOR EACH SPECIFIC PROJECT
- FASTENERS ON EXTERIOR A) BLAST PANEL #12X2″ SERIES 200 BX B) BALLISTIC PANEL #8X1¼" SERIES 200 BB (MINIMUM)
- FOR BALLISTIC ONLY PROTECTION PROPRIETARY BBS (BALLISTICS BAG SYSTEM) KEVLAR BAG IS REQUIRED IN EACH STUD BAY

**STANDARD SERIES 200BI INTERIOR NOTES:**
- STUD SPACING IS DETERMINED BY DESIGN ENGINEER
- SIZE/GAGE OF STUDS AND TRACK TO BE DETERMINED BY DESIGN ENGINEER
- SHEET STEEL ON SURE-BOARD® PANEL IS 22 GAGE FOR 200 BI (INTERIOR BLAST) 14 GAGE FOR 200 BB (BALLISTIC)
- SHEATHING MATERIAL TO BE DETERMINED FOR EACH SPECIFIC PROJECT
- FASTENERS ON INTERIOR FASTENERS ON INTERIOR A) BLAST PANEL #12X2″ SERIES 200 BX B) BALLISTIC PANEL #8X1¼" SERIES 200 BB (MINIMUM)
- FOR BALLISTIC ONLY PROTECTION PROPRIETARY BBS (BALLISTICS BAG SYSTEM) KEVLAR BAG IS REQUIRED IN EACH STUD BAY

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REVOLUTIONARY "SURE-BOARD®" IMPROVES THE QUALITY AND ELIMINATES SHEAR WALL PROBLEMS IN FRAMING AND CONSTRUCTION

SURE-BOARD® is a 22 gauge steel sheet and 1/8” medium density fiberboard. Sure-Board® is applied only on the section of wall that requires shear.

SURE-BOARD® ELIMINATES USE OF EXCESS MATERIALS AND LABOR. LOWERS YOUR COST AND INCREASES YOUR PERFORMANCES, SURE-BOARD® IS A CLEAR WINNER.

SUGGESTED COMMERCIAL APPLICATIONS, LOW RISE AND MIX USE CONSTRUCTION:
- WIND AND SEISMIC DESIGN
- 1-HOUR & 2-HOUR FIRE RESISTANT ASSEMBLIES
- HIGH TRAFFIC AREAS
- SECURITY
- NON-COMBUSTIBLE CONSTRUCTION (Series 200)
- BACKING (Attaching Displays, Cabinetry, Etc.)
- HEALTH CLUBS (Light Gauge Metal Applications/Basketball courts, etc.)
- IDEAL WHEN USED IN PANELIZATION

SERIES 200W BENEFITS OVER WOOD SHEATHING:
- SIMPLE TO NAIL OR SCREW TO WOOD STUDS/STEEL STUDS
- CONSISTENTLY HIGHER TESTED STRUCTURAL VALUES COMPARED TO PLYWOOD
- ELIMINATES FURRING
- LESS LATERAL DISPLACEMENT
- SURE-BOARD® CAN BE ORDERED IN PRECISE LENGTHS TO REDUCE WASTE AND AMOUNT OF CUTTING.

SURE-BOARD® ELIMINATES USE OF EXCESS MATERIALS AND LABOR. LOWERS YOUR COST AND INCREASES YOUR PERFORMANCES, SURE-BOARD® IS A CLEAR WINNER.

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SURE-BOARD®
Series 200W For Shear

IAPMO ES ER-0126
LARR #25461 / DSA IR A-5

STEEL Framing

TABLE 4 - NOMINAL AND ALLOWABLE SHEAR RESISTANCE TO WIND OR EARTHQUAKE FORces AND DISPLACEMENT (inches) FOR SHEAR WALLS WITH SURE-BOARD® SERIES 200W STRUCTURAL PANELS ATTACHED TO DF STUDS AT 16" O.C. WITH 10D SCREWS

<table>
<thead>
<tr>
<th>Stud Type</th>
<th>10d (2.25&quot;min X 148) NAIL SPACING AT PANEL EDGES AND FIELD, INCHES ON CENTER*</th>
<th>1/6</th>
<th>1/3</th>
<th>2/3</th>
<th>2/6 Two Sided**</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 4 stud grade DF</td>
<td>Vn</td>
<td>1.949</td>
<td>1.293</td>
<td>1.075</td>
<td>0.826</td>
</tr>
<tr>
<td>4 x 4 stud grade DF</td>
<td>Vn</td>
<td>1.949</td>
<td>1.293</td>
<td>1.075</td>
<td>0.826</td>
</tr>
</tbody>
</table>

For 1” stud = 25.4 mm, 1” stud = 0.1546 N/mm.

* Values are for the short-term load due to wind or earthquake.

** The nails are described in Section 3.2.5 and are installed in accordance with Section 4.2.3.2 in IAPMO ES ER-0126.

All panel edges must be blocked. Panels are installed vertically or horizontally. Fasteners must be spaced a minimum of 6 inches on center along intermediate framing members. 

For load and resistance factor design (LRFD) loads, the tabulated load values must be multiplied by the load resistance factor, 0.60 for Seismic / 0.65 for Wind.

For load and resistance factor design (LRFD) loads, the tabulated load values must be multiplied by the resistance factor, 0.60 for Seismic / 0.65 for Wind.

Note:
- Vn = Nominal Strength.
- Vasd = ASD Design Load.
- Note: Sure-Board® Series 200 may be installed on Wood Framing. Refer to IAPMO ES ER-0126 Evaluation Report, Table 5 on page 9 in report, for requirements of use.

SURE-BOARD®
Series 200 For Shear

IAPMO ES ER-0126 / ICBO ES ER-5762
LARR #25461 / DSA IR A-5

STEEL Framing

TABLE 1/1A - NOMINAL AND ALLOWABLE SHEAR RESISTANCE TO WIND OR EARTHQUAKE FORCES AND DISPLACEMENT (inches) FOR SHEAR WALLS WITH SURE-BOARD® SERIES 200 Structural Panels Attached to Light Gauge Steel C-Studs at 24” O.C. with Screws (pounds per foot)

<table>
<thead>
<tr>
<th>Minimum Gage*</th>
<th>Fastener Spacing at Panel Edges, Inches on Center†</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vn (plf)</td>
<td>Vasd (plf)</td>
</tr>
<tr>
<td>20 (0.033 in.)</td>
<td>1.085</td>
</tr>
<tr>
<td>18 (0.036 in.)</td>
<td>1.405</td>
</tr>
<tr>
<td>16 (0.041 in.)</td>
<td>1.687</td>
</tr>
<tr>
<td>14-Ga. (0.071 in.)</td>
<td>2.168</td>
</tr>
</tbody>
</table>

For 1” stud = 25.4 mm, 1” stud = 0.1546 N/mm.

* These values are for short-term loads due to wind or earthquake.

† The nails are described in Section 3.2.5 and are installed in accordance with Section 4.2.3.2 in IAPMO ES ER-0126.

** The screws as described in Section 3.2.2 and installed in accordance with Section 4.2.2.2 of IAPMO ES ER-0126.

For load and resistance factor design (LRFD) loads, the tabulated load values must be multiplied by the resistance factor, 0.60 for Seismic / 0.65 for Wind.

Note:
- Vn = Nominal Strength.
- Vasd = ASD Design Load.
- ∆Vasd = Deflection at Vasd design load.
- Note: Sure-Board® Series 200 may be installed on 24" O.C. CFS framing. Refer to IAPMO ES ER-0126 Table 3 on page 8 in report, for requirements of use.
NON-COMBUSTIBLE

SURE-BOARD®
SERIES 200S-F/200S-P

FLOOR/ROOF SHEATHING

SURE-BOARD®
FOR ROOF & FLOOR SHEATHING

www.MarinoWARE.com
We put our building to the “Real Test” at the world’s largest outdoor shake table at UCSD.

The First Revolutionary 6 Story CFS ShakeTable Test

Several industry partners along with H.U.D. and the California Seismic Safety Commission worked together on this program. DCI Engineering and the UCSD Engineering staff performed the first ever shake table test utilizing current code required lateral and diaphragm methods. Sure-Board® sheathing demonstrated amazing resilience with no measurable damage. The test program included 13 pretests of increased magnitude to finally reach the MCE or 150% of the 1994 Northridge 6.7 magnitude seismic event. There was no structural damage and this structure was totally intact and ready for use. Imagine if it were a medical facility or one of our children’s schools where the occupants must be kept safe at all costs. Sure-Board® is the Best Solution.

Sure-Board® Series 200S has proven results to make your building better and cost you less.

Sure-Board® Series 200S is the non-combustible alternative for any CFS® sheathing application both large and small.
Sure-Board® Series 200S is the best investment in non-combustible sheathing for your building. “OUR STEEL IS THE REAL DEAL.”

Sure-Board® Series 200S is approved nationwide.

Sure-Board® Series 200S is UL approved for all 1 and 2 hour assemblies with standard C-Joists or JoistRite per UL H503.

Sure-Board® Series 200S is approved nationwide.

Sure-Board® Series 200S is certified using all national building codes. That includes the current IBC, IRC, CBC, DSA, GSA, Army Corp of Engineers, City of New York, City of Los Angeles, LARR 26040 to mention a few. IAPMO UES EC-012 and ER-185 certify our panels performance through our extensive test program, for use on any CFS project Nationwide.

Sure-Board® Series 200S is the best investment in non-combustible sheathing for your building. “OUR STEEL IS THE REAL DEAL.”

About MarinoWARE®

MarinoWARE offers a complete line of cold-formed steel framing products. Our metal framing product line includes: ViperStud® drywall framing studs, structural stud and track, FrameRite® clips and connectors, JoistRite, StudRite, ShaftWall products, plastering steel, and drywall finishing products all under one roof.

Our four locations (South Plainfield, NJ; Griffin, GA; East Chicago, IN, and Pasadena, TX) are mega-plants – large, self-sufficient facilities with equipment to produce everything we sell. We carry a huge inventory of finished goods so that you can get anything you need without waiting, including custom orders for quick shipment. Our own in-house carrier, Norbet Trucking, ensures that delivery service is never compromised. We also offer in house technical support and shop drawings through MarinoWARE® Design Group.

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REVOLUTIONARY “SURE-BOARD®” SERIES 200S IS THE NON-COMBUSTIBLE FLOOR/ROOF SHEATHING THAT WILL IMPROVE THE FIRE RESISTANCE OF YOUR BUILDING USING STANDARD CONSTRUCTION METHODS AND PRACTICES.

*SURE-BOARD® Series 200S Non-Combustible Sheathing*
*U.S. PATENT #7,770,346*
*IAPMO ES ER-185  LARR #26040  DSA IR A-5  LA FAB #2109*

**ROOF FRAMING**

- Steel is extended 2” beyond cement board to accomplish horizontal blocking for Series 200S panel
- RR/FJ must be installed at 24” o.c. maximum

**FLOOR FRAMING**

- Joints of Sure-Board® Series 200S panels may be installed in straight line if necessary

**ADDITIONAL CERTIFICATIONS:**

**SOUND:**
- Improves Sound/Impact Results on Typical CFS Framed Assembly.

**FIRE:**
- UL Listed Fire Rating using Single Layer of 5/8” Type C and RC Channel (1 HR Assembly)
- 2 HR assembly with 2 layers of 5/8” Type C and RC Channel
- Conventional Steel Joists or JoistRite
- See UL H503 for complete assembly instructions

**SAVINGS TO CONTRACTOR:**
- Cost for labor and materials is approximately 20% less than any existing non-combustable sheathing currently available today.
- Panel size is 48” x 48” dimension and can be laid in place by one installer.

SURE-BOARD® SERIES 200S NON-COMBUSTIBLE SHEATHING WILL IMPROVE THE PERFORMANCE OF YOUR CFS STRUCTURE, WHILE REDUCING THE CONSTRUCTION COSTS TO YOU.

SURE-BOARD® IS A CLEAR WINNER.
**SURE-BOARD® Series 200S Structural Panels**

**DESIGN OF FLOOR/ROOF SYSTEM:**

Screws must have cutting nubs under screw head to seat into fiber cement sheathing properly. Point bugle head screws, #8 x 1 5/8" long winged driller by grabber super drive LOX drive screws or equal.

Fasteners to attach the Sure-Board Series 200S panels to CFS members are self drilling/self tapping pilot point bugle head screws, #8 x 1 5/8" long winged driller by grabber super drive LOX drive screws or equal. Screws must have cutting nubs under screw head to seat into fiber cement sheathing properly.

**SURE-BOARD® Standards & Specifications:**

The Sure-Board® Series 200S Structural Sheathing Panels laminated with water soluble adhesive to make a rigid structural panel. The panels are manufactured in a variety of thicknesses, heights, and types to meet the framing and design requirements of the construction project.

**SURE-BOARD® Series 200S Sheathing Information Table**

<table>
<thead>
<tr>
<th>Joist Spacing</th>
<th>Concentrated Load, (psf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 (inch) (o.c.)</td>
<td>435</td>
</tr>
<tr>
<td>24 (inch) (o.c.)</td>
<td>215</td>
</tr>
<tr>
<td>32 (inch) (o.c.)</td>
<td>128</td>
</tr>
<tr>
<td>40 (inch) (o.c.)</td>
<td>61</td>
</tr>
</tbody>
</table>

For Sl: 1 inch = 25.4 mm, 1 psf = 47.88 Pa, 1 lbf = 4.448 N

1 Maximum allowable strength for panels supported at 24 inches on center is 100 PSF for a deflection limit of L/360.\(^\text{1}\)

Panels are capable of supporting an allowable concentrated load of 2,000 lbs. within the deflection limit of L/360 on properly designed and constructed framing members.\(^\text{2}\)

Series 200S panels installed for floors shall include minimum No. 20 gauge (0.033 inch) thick steel sheets. Series 200S panels installed for roofs shall include minimum No. 20 gauge (0.033 inch) thick steel sheets.

**SURE-BOARD® Series 200S Sheathing CFS Specifications**

<table>
<thead>
<tr>
<th>Screw Size</th>
<th>Allowable Wind Uplift, (ASD) (psf)</th>
<th>Allowable Wind Uplift, (ASD) (psf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 6</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>No. 8</td>
<td>8</td>
<td>6</td>
</tr>
<tr>
<td>No. 12</td>
<td>12</td>
<td>8</td>
</tr>
</tbody>
</table>

For Sl: 1 inch = 25.4 mm, 1 lbf = 4,448 N, 1 psf = 47.88 Pa, 1 psi = 6.89 kPa

1 Allowable wind uplift based on screw spacings of 6 inches on center maximum at all panel edges and 12 inches on center maximum in the field/interior of the panels.

2 If field/interior spacing is reduced from 12 inches on center, wind uplift may be proportionally increased.

**SURE-BOARD® Series 200S FLOOR/ROOF Sheathing Information Table**

<table>
<thead>
<tr>
<th>Designated Thickness (inches)</th>
<th>Design Thickness (inches)</th>
<th>F_y (ksi)</th>
<th>F_u (ksi)</th>
<th>No. 6</th>
<th>No. 8</th>
<th>No. 12</th>
<th>No. 6</th>
<th>No. 8</th>
<th>No. 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0450</td>
<td>0.0346</td>
<td>63.5</td>
<td>63.5</td>
<td>79.4</td>
<td>79.4</td>
<td>95.3</td>
<td>95.3</td>
<td>95.3</td>
<td>95.3</td>
</tr>
<tr>
<td>0.0630</td>
<td>0.0566</td>
<td>63.5</td>
<td>63.5</td>
<td>79.4</td>
<td>79.4</td>
<td>95.3</td>
<td>95.3</td>
<td>95.3</td>
<td>95.3</td>
</tr>
<tr>
<td>0.0713</td>
<td>0.0713</td>
<td>63.5</td>
<td>63.5</td>
<td>79.4</td>
<td>79.4</td>
<td>95.3</td>
<td>95.3</td>
<td>95.3</td>
<td>95.3</td>
</tr>
<tr>
<td>0.0780</td>
<td>0.0780</td>
<td>63.5</td>
<td>63.5</td>
<td>79.4</td>
<td>79.4</td>
<td>95.3</td>
<td>95.3</td>
<td>95.3</td>
<td>95.3</td>
</tr>
</tbody>
</table>

For Sl: 1 inch = 25.4 mm, 1 lbf = 4,448 N, 1 psf = 47.88 Pa, 1 psi = 6.89 kPa

1 Allowable wind uplift based on screw spacings of 6 inches on center maximum at all panel edges and 12 inches on center maximum in the field/interior of the panels.

2 If field/interior spacing is reduced from 12 inches on center, wind uplift may be proportionally increased.

**SURE-BOARD® Series 200S Floor/Roof Sheathing Information Table**

<table>
<thead>
<tr>
<th>Screw Spacing, Inches</th>
<th>Nominal Strength (ksi)</th>
<th>Allowable Strength (ASD) (ksi)</th>
<th>Factored Resistance (LRFD) (ksi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>33</td>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>3</td>
<td>43</td>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>4</td>
<td>54</td>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>6</td>
<td>68</td>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>8</td>
<td>97</td>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>10</td>
<td>118</td>
<td>50</td>
<td>65</td>
</tr>
</tbody>
</table>

For Sl: 1 inch = 25.4 mm, 1 lbf = 4,448 N, 1 psf = 47.88 Pa, 1 psi = 6.89 kPa

1 Allowable wind uplift based on screw spacings of 6 inches on center maximum at all panel edges and 12 inches on center maximum in the field/interior of the panels.

2 If field/interior spacing is reduced from 12 inches on center, wind uplift may be proportionally increased.

**SURE-BOARD® Series 200S FLOOR/ROOF Sheathing Information Table**

<table>
<thead>
<tr>
<th>Screw Size</th>
<th>Allowable Wind Uplift, (ASD) (psf)</th>
<th>Allowable Wind Uplift, (ASD) (psf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 6</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>No. 8</td>
<td>8</td>
<td>6</td>
</tr>
<tr>
<td>No. 12</td>
<td>12</td>
<td>8</td>
</tr>
</tbody>
</table>

For Sl: 1 inch = 25.4 mm, 1 lbf = 4,448 N, 1 psf = 47.88 Pa, 1 psi = 6.89 kPa

1 Allowable wind uplift based on screw spacings of 6 inches on center maximum at all panel edges and 12 inches on center maximum in the field/interior of the panels.

2 If field/interior spacing is reduced from 12 inches on center, wind uplift may be proportionally increased.

**SURE-BOARD® Series 200S Sheathing FASTENERS SPECIFICATIONS:**

Fasteners to attach the Sure-Board® Series 200S panels to CFS members are self drilling/self tapping pilot point bugle head screws, #8 x 1.5/8" long winged driller by grabber super drive LOX drive screws or equal. Screws must have cutting nubs under screw head to seat into fiber cement sheathing properly.

**SURE-BOARD® Series 200S FLOOR/ROOF System:**

All floor and roof members and the installation of these members are responsibility of EOR and contractors.

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Recommended Tools / Screws and Staples for Installing Sureboard® Series 200 / 200W “for shear” / 200S for Sheathing

Any questions please call Technical Support (866) 545-1545

Always wear Eye Protection when Cutting SURE-BOARD®

Grabber & TyRex Collated Screwgun and Standard Handfed Installation

A) (14 gage or heavier stud/track)
   2500 rpm Model 4025 with CW75F/7525 IT (Grabber) or DS325AC (TyRex) Super Drive Feed Track
B) (lighter than 14 gage stud/track)
   4000 rpm Model 4063 with CW75F/7540 IT (Grabber) or DS325AC (TyRex) Super Drive Feed Track
C) Standard Screwgun (handfed) using long drill-tip Dart Screws (or equal)

Screws for Collated Screwgun and Handfed Screw Installation

A) 200 Series (gypsum laminate)
   #8 x 1 3/4” Bugle Head screw with long drill tip
   Part Number: CM175SDZJBW (Grabber) or 08G200CKLFPS (TyRex)   Steel Framing Only
B) 200W Series (1/8” MDF laminate)   Steel Framing Only
   #10 x 3/4” Panhead screw - self tapping
   Part Number: CFP101875LYZ (Grabber) or 10M075CTMFDS (TyRex)   Steel Framing Only
C) 200 Series use Prime Source/Dart hand screw #PP2 #8X2” w/quadrex tip Steel Framing Only
D) 200S Series (7/16” / 9/16” Fiber Cement laminate) Grabber #8 x 1 5/8” winged driller
   Part Number: CHS8158JBWG2   Steel Framing Only
E) 200W Series (1/8” MDF) Standard #10 x 2 1/4” plywood gun nails   Wood Framing Only
F) 200 Series (Drywall laminate) #8 x 2” “A-point” CS8200JBWYZ (Grabber) Wood Framing Only

Metal Cutting Circular Saws for Cutting Sureboard® Series 200W and 200

(Watch Video Clips on website for reference and demonstration of cutting)

A) Milwaukee 8” Circular Saw Model #6370-20, Blade only #48-40-4515
B) Milwaukee 6 3/4” 28 Volt Cordless Model #0740-22, Blade only #48-40-4016
C) Morse Evolution 180 7 1/4” Saw Blade CSM768TSC 7” carbide blade
D) Champion RS725 7 1/4” Saw
E) Standard Skilsaw with Carbide tip blade, 7 1/4” Ferrous metal blade Diablo MDL #D0748F

Lath Stapler and 14 Gage Staples/Nailgun for 200W Wood Framing Only

A) Paslode Model #4150/38 W14
B) Staples 7/8” #GSW1478 mfg. by Master Fasteners Inc., (14 Gage Staples)
C) Standard Pneumatic Nailgun (using 10d smooth plywood nails)
Recommended Tools / Screws / Saws / Blades for Installing Sureboard® Series *200 B / BX / BI for Ballistic / Blast

Definition of Series *200 B / 200 BX / 200 BI Panels
1) *200 B – Ballistic panels with 14 gage steel sheet
2) *200 BX – Blast (EXTERIOR SIDE) panel with 14 gage steel sheet
3) *200 BI – Blast (INTERIOR SIDE) panel with 22 gage steel sheet

Grabber & TyRex/Senco Collated Screwgun and Standard Handfed Installation
A) (14 gage or heavier framing studs/track)
   2500 rpm Model 4025 with CW75F/7525 IT (Grabber) or DS325AC (TyRex/Senco)
   Super Drive Feed Track
B) (lighter than 14 gage framing studs/track)
   4000 rpm Model 4063 with CW75F/7540 IT (Grabber) or DS325AC (TyRex/Senco)
   Super Drive Feed Track
C) Standard Screwgun (handfed) using long drill-tip Dart Screws (or equal)

Screws for Collated Screwguns and Handfed Screw Installation
A) Series *200 B/BI Panels
   #8 x 1¾” Bugle Head screw with long drill tip Collated Bugle Head Screws
   Part Number: CM175SDZJBW (Grabber) or 08G200CKLFPS (TyRex/Senco)
   Steel Framing Only
B) Series *200 BX Panels
   #10 x 2” (Grabber), #12 x 2” (Grabber), #14 x 2¾” (Simpson), or #12 x 2” (TyRex/Senco)
   Collated Bugle Head Screws
   Part Number: C10200L3YZE (Grabber), CC12200LYZ (Grabber), TB1460S (Simpson) or 12G200YKLFCX (TyRex/Senco)
C) Series *200 B/BI Panels use Prime Source/Dart hand screw #PP2 #8X2” w/quadrex tip
   Steel Framing Only

Metal Cutting Circular Saws for Cutting Sureboard® Series *200 B/BX/BI
(Watch Video Clips on website for reference and demonstration of cutting)
A) Milwaukee 8” Circular Saw Model #6370-20, Blade only #48-40-4515
B) Milwaukee 6 ¾” 28 Volt Cordless Model #0740-22, Blade only #48-40-4016
C) Morse Evolution 180 7¼” Saw Blade CSM768TSC 7” carbide blade
D) Champion RS725 7 ¼” Saw
E) Standard Skilsaw with Carbide tip blade, 7¼” Ferrous metal blade Diablo MDL #D0748F