

Marino\WARE® Product Submittal Data

PRODUCT NAME: SUREBOARD FLOOR SHEATHING (200S-G) PANEL



PROPERTIES:

SureBoard 200S-G panels are 3/4" magnesium oxide panels, laminated to galvanized 33 mil (33ksi) G40 sheet steel. Each steel sheet laminated to the substrate is 48" x 50", creating a 2" steel overhang on one edge. This 2" overhang provides backing at horizontal joints. SureBoard 200S-G weighs 5.3lbs - sq/ft.

NOMINAL AND DESIGN VERTICAL (GRAVITY) LOAD STRENGTHS FOR SURE-BOARD® SERIES 200S STRUCTURAL PANELS -- FLOOR AND ROOF SHEATHING CONTINUOUS OVER TWO OR MORE SPANS

Span Rating, (inches) (o.c).	Nominal Strength (psf)	Allowable Strength (ASD) (psf)	Factored Resistance (LRFD) (psf)	Allowable Concentrated Load, LBF
24 maximum	435	215	260	2,000

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

Notes

1. Maximum allowable strength for panels supported at 24 inches on center is 100 PSF for a deflection limit of L/360.
2. 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.
3. Series 200S panels installed for floors shall include minimum No. 20 gage (0.033 inch) thick steel sheets.

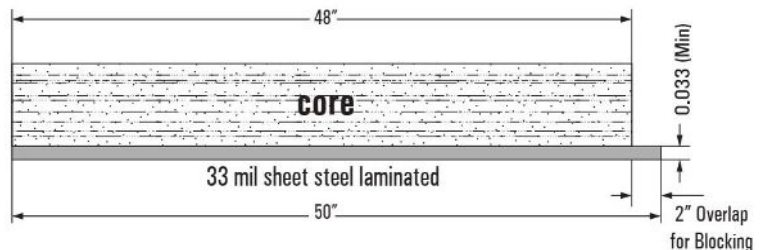
NOMINAL SHEAR STRENGTH FOR BLOCKED HORIZONTAL DIAPHRAGMS, LBS/FT SURE-BOARD® SERIES 200S STRUCTURAL PANELS^{1,2}

Screw Spacing, inches		Nominal Strength, (R _n)	Allowable Strength, (ASD)		Factored Resistance, (LRFD)	
Panel Edge	Field		Seismic	Wind/All Others	Seismic	Wind/All Others
2	6	2,770	1,110	1,380	1,660	1,800
3	6	2,730	1,090	1,360	1,640	1,770
4	6	1,980	790	990	1,190	1,290
6	6	1,320	530	660	790	860

For SI: 1 inch = 25.4 mm, 1 lbf/ft = 14.5939 N/m

CODES & STANDARDS

- ASTM A653, A924 &/or A1003 (Steel)
- IBC 2012, 2015, 2018, 2021
- IAPMO Code Evaluation Report (ER-185)
- UL H503 - 1, 1.5, 2 or 3 HR Fire Rating
- ASTM E90 & ASTM E492 Sound Testing



GREEN INFO

- LEED credits available
- Contact Technical Services for more information



For more information, please contact Marino\WARE Technical Services at 866-545-1545.

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