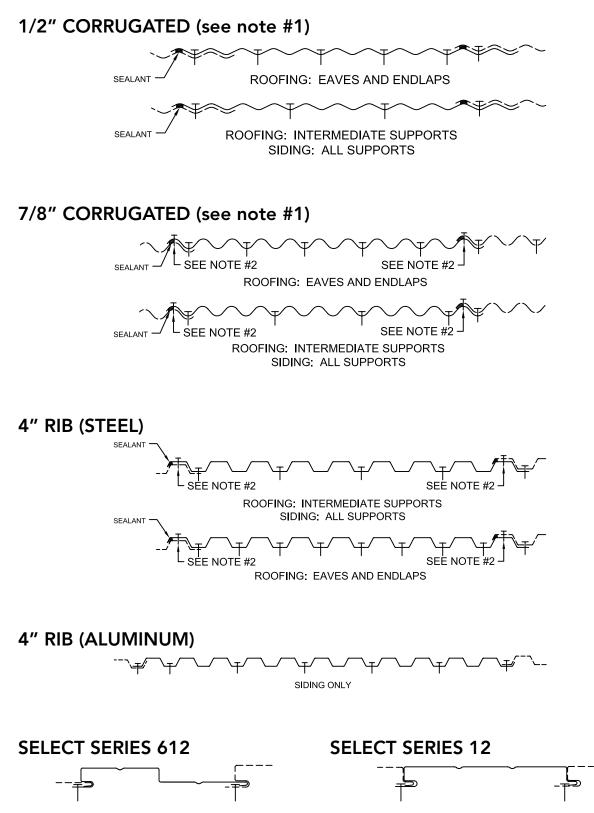
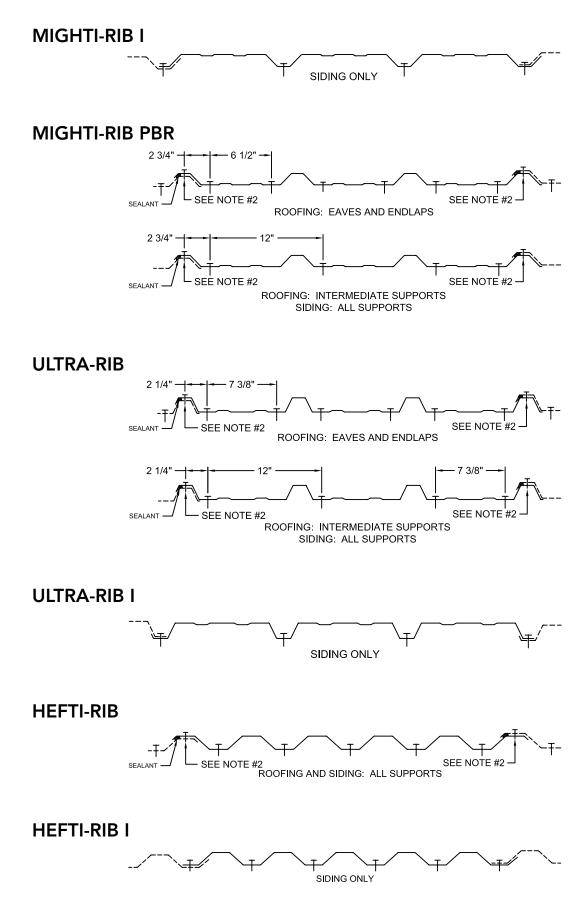


FASTENING SCHEDULES INDUSTRIAL-COMMERCIAL ROOFING & SIDING

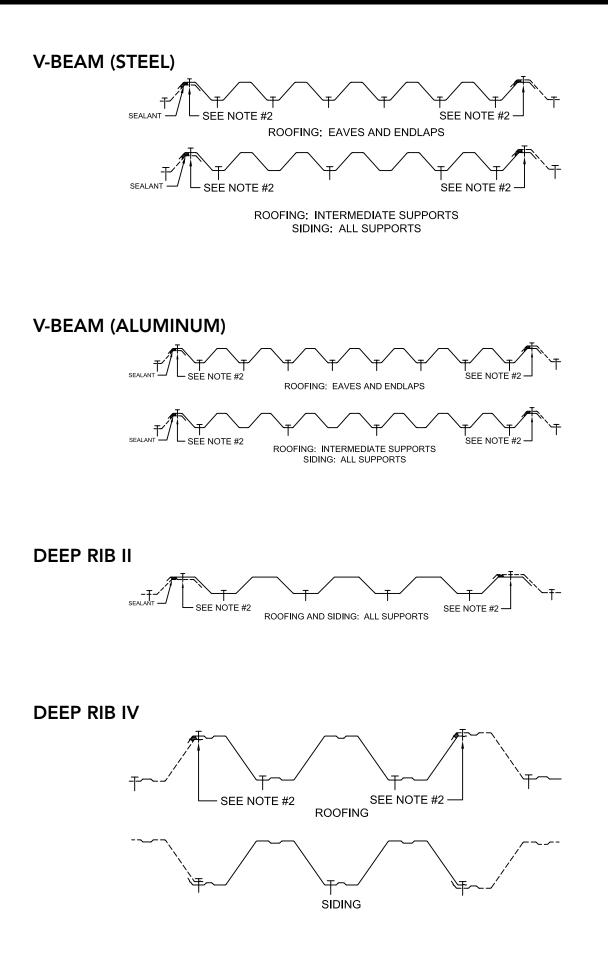
**EFFECTIVE JANUARY 2017** 



# **FASTENING SCHEDULES**



## FASTENING SCHEDULES



### SCREWS

PANEL	PURLIN OR GIRT FASTEN		IFR
MATERIAL*	MATERIAL		1
		TYPE	SCREW MATERIAL
Aluminum			Stainless steel
Galvanized steel	Wood	AP or MP	Zinc-plated steel
Galvalume®			
Aluminum			Stainless steel
Galvanized steel	Structural steel	AP or BP	Zinc-plated steel
Galvalume®			
aluminum		AP	Stainless steel
galvanized steel	Cold-formed steel	SD	Zinc-plated steel
Galvalume®			

"AP" denotes a A-point screw "MP" denotes a MP screw

"BP" denotes a B-point screw

"SD" denotes a self-drilling screw

### **A-POINT SCREWS:**

Use A-point screws to attach panels to wood. Pre-drilling holes in the panels may be required depending on the metal thickness. Use stainless steel, A-point screws to attach aluminum panels to cold-formed steel structural members rather than self-drilling screws. Stainless steel, self-drilling screws are not recommended because they may corrode. Attaching panels to cold-formed structural steel with A-point screws will require pre-drilling holes into both panels and structures.

#### **B-POINT SCREWS:**

Use B-point screws to attach panels to hot rolled steel structural members. Pre-drilling holes in the panels and structural members will be required to use these screws. Use B-point screws to attach aluminum panels to cold-formed steel structural members rather than self-drilling screws. Stainless steel, self-drilling screws are not recommended because they may corrode.

**NOTES:** 1. For

2.

3.

4.

5.

12" on center.

neoprene washer.

### SELF-DRILLING SCREWS:

STANDARD HEAD

For 1/2" and 7/8" corrugated panels, place a screw no more than one corrugation away from the sidelap. This may result in an odd screw spacing adjacent to the sidelap. Between

Unless noted, sidelaps should be fastened at 18" on center. Mighti-Rib PBR and Ultra-Rib panels which should be fastened

Painted screws are available to color-match painted panels.

The use of nails for fastening these panels is not recommended. All exposed screws should have a combination metal and

sidelaps, use the fastening schedules shown.

Use self-drilling screws to attach panels to cold-formed steel structural members. These screws will drill a hole through the panel and structural member. The total, maximum drilling thickness that these screws will drill through is 3/16". Certain special self-drilling screws are not recommended because they are made from a type of stainless steel that may corrode.

UITIMATE



#### MILL-POINT SCREWS:

Use mill-point screws to attach panels to wood and to one another at side joints and to attach flashings to the panels. These screws have a milled point for drilling through thin sheet metal. Approximate total drilling thickness for these screws is 3/32".

#### STANDARD HEAD





#### STANDARD FABRAL SCREWS, LENGTH, AND HEAD SIZE:

SCREW DESCRIPTION	LENGTH	HEAD SIZE
#14 A-point (carbon or stainless steel)	3/4"	3/8"
#14 B-point (carbon or stainless steel)	1″	3/8″
#12 Self-drilling, standard head	1" or 1 1/2"	5/16"
#12 Self-drilling, ultimate head	1" or 1 1/2"	3/8"
#14 Mill-point, standard head	1"	5/16"
#14 Mill-point, ultimate head	1″	3/8"

1. All screws above are furnished with combination metal and bonded neoprene washer. The ultimate head screws have a dished head and a neoprene washer.

- 2. Other types and lengths of screws may be available from Fabral on a special inquiry basis. Contact your representative for details.
- 3. Lengths shown do not include thickness for insulation.
- 4. Ultimate head screws have a cast zinc head for additional corrosion protection.