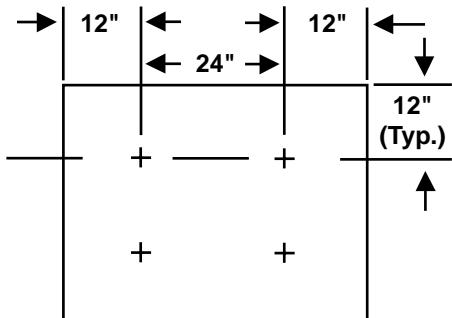


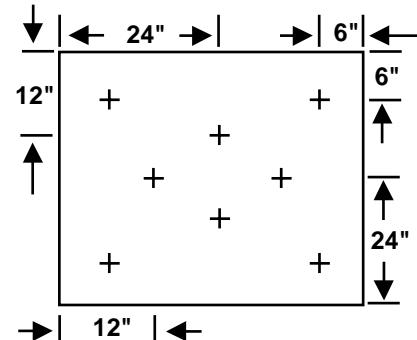


Roof Insulations Fastener Placement

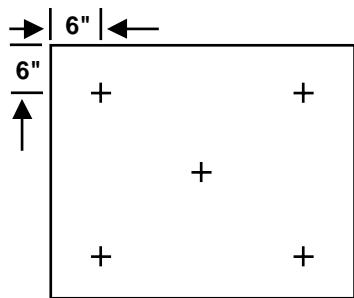
4' x 4' (1.22 m x 1.22 m) Boards



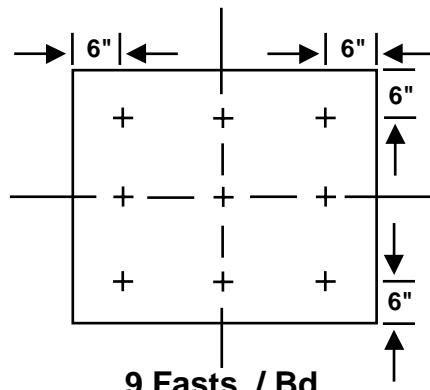
4 Fasts. / Bd.



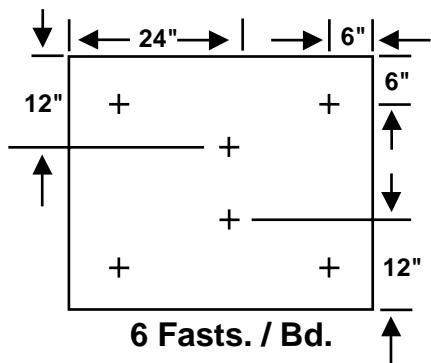
8 Fasts. / Bd.



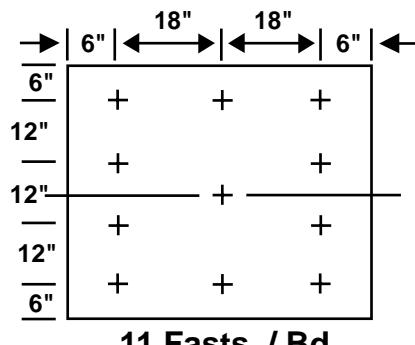
5 Fasts. / Bd.



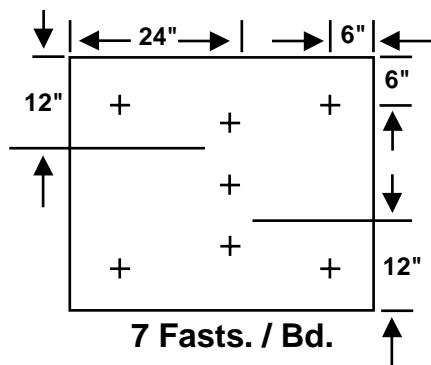
9 Fasts. / Bd.



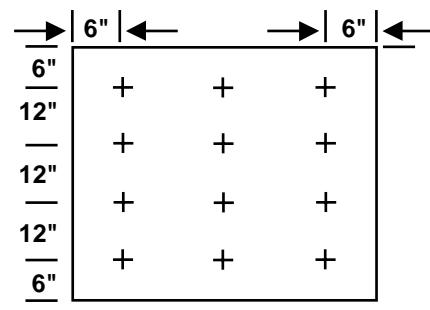
6 Fasts. / Bd.



11 Fasts. / Bd.



7 Fasts. / Bd.



12 Fasts. / Bd.



Johns Manville

Roof Insulations Fastener Placement

4' x 4' (1.22 m x 1.22 m) Boards

	6"	12"	12"	12"	6"	
6"	+	+	+	+		
12"	+					
—						
12"		+	+			
—						
12"				+		
—						
6"	+	+	+	+		

14 Fasts. / Bd.

	6"	12"	12"	12"	6"	
6"	+	+	+	+		
12"	+					
—						
12"		+	+	+		
—						
12"				+		
—						
6"	+	+	+	+		

18 Fasts. / Bd.

	6"	12"	12"	12"	6"	
6"	+	+	+	+		
12"	+					
—						
12"		+	+	+		
—						
12"				+		
—						
6"	+	+	+	+		

16 Fasts. / Bd.

	6"	12"	12"	12"	6"	
6"	+	+	+	+		
9"	+	+	+	+		
—						
9"		+	+	+		
—						
9"		+	+	+		
—						
6"	+	+	+	+		

20 Fasts. / Bd.

	6"	12"	12"	12"	6"	
6"	+	+	+	+		
12"	+					
—						
12"		+	+	+		
—						
12"				+		
—						
6"	+	+	+	+		

17 Fasts. / Bd.

	6"	12"	12"	12"	6"	
6"	+	+	+	+		
9"	+	+	+	+		
—						
9"		+	+	+		
—						
9"		+	+	+		
—						
6"	+	+	+	+		

22 Fasts. / Bd.