



**Roof Insulations  
Fastener Placement**

*4 x 4 Ft. (1.22 x 1.22 m) Boards*

Fastener Rate and Placement with Prescriptive Enhancements for Perimeter and Corners (Meets Requirements of FM Global Loss Prevention Data Sheet 1-29 for  $\leq$  Class 1-75 systems.)

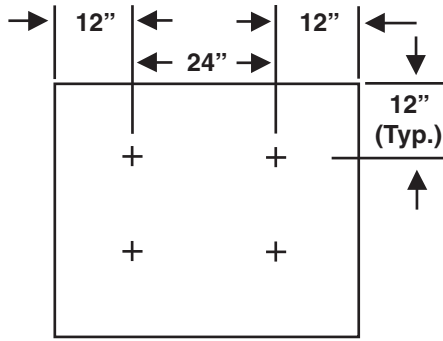
<b>1 Fastener per 1.33 Sq. Ft.</b>		
<b>12</b> Fasteners/Bd.	<b>18</b> Fasteners/Bd.	<b>21</b> Fasteners/Bd.
Field	Perimeter	Corner
<b>1 Fastener per 1.45 Sq. Ft.</b>		
<b>11</b> Fasteners/Bd.	<b>17</b> Fasteners/Bd.	<b>20</b> Fasteners/Bd.
Field	Perimeter	Corner
<b>1 Fastener per 2 Sq. Ft.</b>		
<b>8</b> Fasteners/Bd.	<b>12</b> Fasteners/Bd.	<b>16</b> Fasteners/Bd.
Field	Perimeter	Corner
<b>1 Fastener per 2.67 Sq. Ft.</b>		
<b>6</b> Fasteners/Bd.	<b>9</b> Fasteners/Bd.	<b>16</b> Fasteners/Bd.
Field	Perimeter	Corner
<b>1 Fastener per 3.2 Sq. Ft.</b>		
<b>5</b> Fasteners/Bd.	<b>8</b> Fasteners/Bd.	<b>16</b> Fasteners/Bd.
Field	Perimeter	Corner
<b>1 Fastener per 4 Sq. Ft.</b>		
<b>4</b> Fasteners/Bd.	<b>8</b> Fasteners/Bd.	<b>16</b> Fasteners/Bd.
Field	Perimeter	Corner



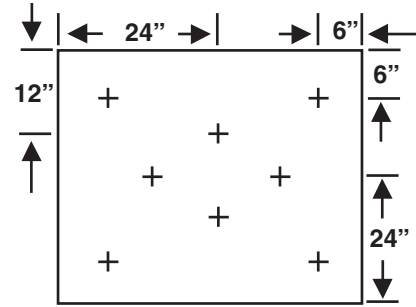
**Johns Manville**

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Fastener Placement**

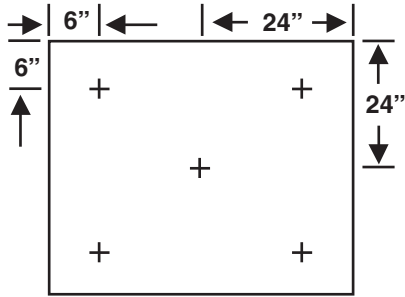
4 x 4 Ft. (1.22 x 1.22m) Boards



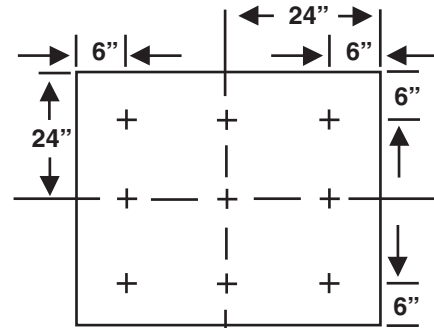
**4 Fasters. / Bd.**



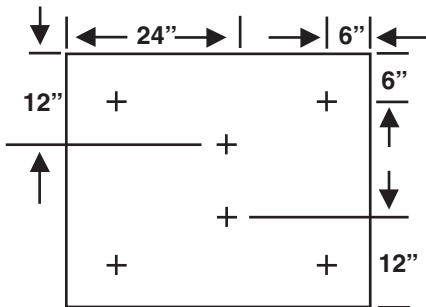
**8 Fasters. / Bd.**



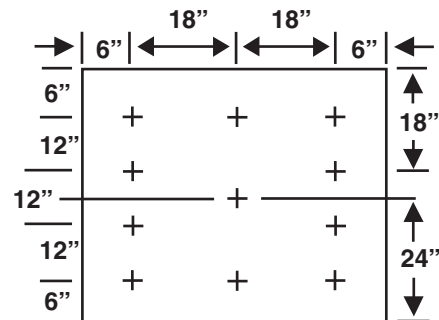
**5 Fasters. / Bd.**



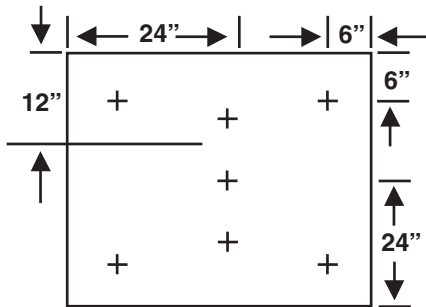
**9 Fasters. / Bd.**



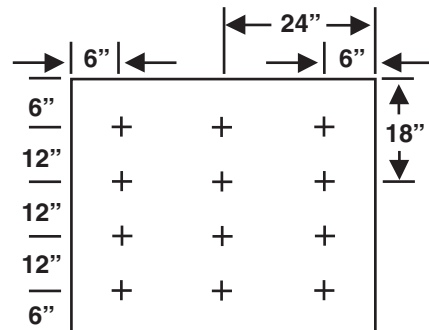
**6 Fasters. / Bd.**



**11 Fasters. / Bd.**



**7 Fasters. / Bd.**



**12 Fasters. / Bd.**



**Johns Manville**

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4 x 4 Ft. (1.22 x 1.22 m) Boards - Continued

