



TECHNICAL BULLETIN No. 1017

DATE: JANUARY 19, 2007

SUBJECT: ROOF DECK and INSULFOAM SP FLUTE SPANABILITY

Insulfoam® SP roof insulations are utilized in Direct to Deck applications where our insulation is placed directly over a steel deck. During the insulation and subsequent roof membrane application the insulation must be able to withstand normal roof traffic. To assure proper performance during application and through the life of the roof Insulfoam has determined the minimum thicknesses for our insulation systems that are applied over a steel deck. The following chart list the minimum thickness of Insulfoam SP required for various deck types:

Steel Roof Deck Type	Flute Span Distance	TYPE I	TYPE VIII	TYPE II	TYPE IX
Type A	1.00 in.	1.00 in.	1.00 in.	1.00 in.	1.00 in.
Type F	1.75 in.	1.75 in.	1.25 in.	1.10 in.	1.00 in.
Type B, BW	2.50 in.	2.50 in.	1.50 in.	1.40 in.	1.25 in.
Type N	2.75 in.	2.75 in.	2.00 in.	1.75 in.	1.50 in.

Utilization of protection boards in high traffic areas during roof installation is recommended.

Should there be further questions regarding Insulfoam SP and flute spanability contact Insulfoam-Technical Center at 1/800-469-8870.

Insulfoam Technical Center

17001 Fish Point Road, Suite 101 • Prior Lake, MN 55372
 952.447.5213 • techinfo@insulfoam.com • www.insulfoam.com