

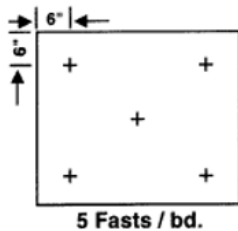
TECHNICAL BULLETIN # 1003

SUBJECT: INSULFOAM EPS FASTENING PATTERN

DATE: SEPTEMBER 17, 1999

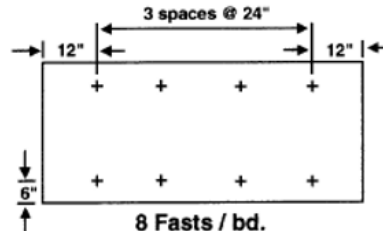
Insulfoam EPS is used in numerous types of roof application as the insulation and substrate to which a roof membrane is placed. Several of these roof systems require that our Insulfoam EPS have a coverboard such as woodfiber. These roof systems include Built-up Roofs, most Modified Bitumen systems and Totally Adhered Single-Ply Systems. When coverboards are required they can be field installed or ordered as a laminate from our facilities. Many of the aforementioned systems that require a coverboard require that the insulation and coverboard be attached to the roof deck using mechanical fasteners and plates. When this is the case the following is the minimum recommended fastening patterns for these installations:

4' x 4' Sheet



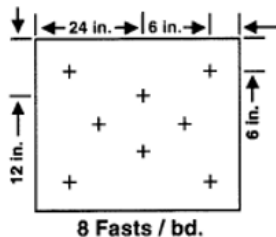
One fastener per 3.2 square feet.

4' x 8' Sheet



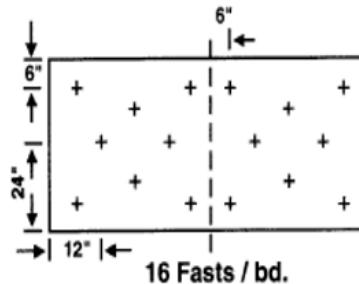
One fastener per 4.0 square feet.

4' x 4' Sheet



One fastener per 2 square feet.

4' x 8' Sheet



One fastener per 2 square feet

FM 1-90 applications require approved fasteners at a rate of 1 fastener per 2 square feet.