



April 22, 2015

Subject: Letter of Certification – Manson Alley-K Pipe Insulation

This letter certifies that Manson Alley-K Pipe Insulation meets the requirements of ASTM C 547, Type I. The product is rated to 850 F, which is the standard maximum use temperature for fiber glass pipe insulation. Alley-K pipe insulation has a Water Vapor Sorption of less than 0.2% by volume (less than 5% by weight) when tested per ASTM C 1104.

Knauf Insulation manufactures Manson Alley-K pipe insulation according to the dimensions of ASTM C 585. Manson Alley-K pipe insulation is produced in the USA using a minimum of 50% “post-consumer” recycled glass and the product is GreenGuard Gold certified as low VOC emitting.

Manson Alley-K pipe insulation meets or exceeds all industry specifications and is viewed as an equal to products produced by Knauf Insulation, Owens Corning and Johns Manville.

If you need any further information, please do not hesitate to contact me.

Sincerely,

MANSON INSULATION

A handwritten signature in black ink, appearing to read "Joe Hudock", is written over a light gray horizontal line.

Joe Hudock
Director of Sales – North America



Corporate Office: One Knauf Drive | Shelbyville IN 46176

Tel : 1-800-626-7661 - Fax : 1-800-811-4715

www.imanson.com