

# TECHNICAL BULLETIN

## Hot System Installation

**Date:** July 28, 2000

**SUBJECT:** Installation Recommendations for Application on Hot Piping Systems

**PRODUCT:** *Polyguard's* Rubberized Asphalt Membranes

The procedure for proper installation of *Polyguard's* rubberized asphalt membranes on hot piping systems differs from installation on cold piping systems.

*Polyguard's* experience has shown that on hot piping systems, *Polyguard's* rubberized asphalt membranes should not be pre-applied to the insulation. *Polyguard's* rubberized asphalt membranes are not mechanical fasteners.

The insulation should be installed according to the manufacturer's instructions, preferably with staggered, offset joints (usually with wire or strapping tape). After the insulation is secured on the pipe, the *Polyguard's* rubberized asphalt membranes can be installed over the insulation using the cigarette wrap or butt lap method. Ensure that the beginning and termination of the longitudinal edges are not near either longitudinal insulation joint. The *Polyguard's* rubberized asphalt membranes should be installed with 4" overlaps. The longitudinal lap should be 3" for 1/2" through 8" OD's and 6" for OD's over 8".

If a *Polyguard* rubberized asphalt membrane is pre-applied to the insulation on a hot system, it could result in failure of the weather and vapor barrier. It is possible for heat transfer through the joints which will soften our rubberized asphalt compound, causing it to relax and stretch, possibly even peel up. Therefore, installation should be performed in accordance with the above instructions.

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