

ALUMINUM FOIL FACED INSULATION AND THE POTENTIAL FOR CORROSION

All aluminum foil vapor retarders can corrode if the aluminum is allowed to remain in contact with water. This can happen even if the exposure is a relatively short period of time (one or two days) and when the insulation is still in the poly bag in which it was shipped. When aluminum foil corrodes, gray or black stains appear on the surface. Examples of foil facing materials are Foil Scrim Kraft (R-3035) and Lamtec's Gymguard and Arenashield.

Protect your insulation investment by following these steps:

- Every effort should be made to store insulation in a dry, protected area.
- Water can easily permeate poly bags, so rolls must be elevated above the ground (stored on pallets for example) to prevent contact with surface water.
- If a dry protected area is not available at the site, the contractor should place the insulation in a storage trailer.
- DO NOT store foil faced insulation directly on freshly poured concrete as the chemicals in concrete are extremely corrosive.
- Whenever possible, the contractor should use the insulation as soon as possible after he receives it.