

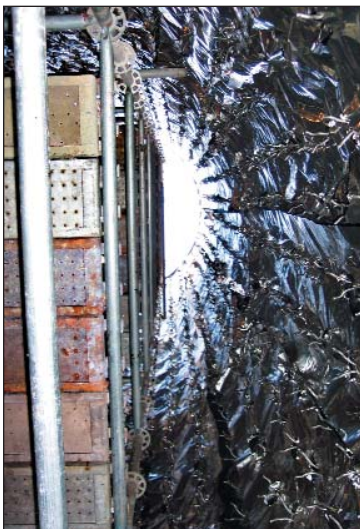


## Installation Story #32 Foamfrax® Insulation

Industry:	Incineration
Location:	Southeast United States
Installation Date:	October 2006
Type of Unit:	Ground Flare
Operating Temperature:	2000°F
Scope of Job:	Foamfrax RG Plus 4" Thick Lining



Ground flares are common to most large landfill or garbage dump sites and serve to combust the gases produced during decomposition. They are typically exposed to the weather elements and are frequently thermal cycled.



The particular anchor system for this application involved placing SS-304 foil on the steel casing plate to protect it from potential acid condensation. Refractory “V” anchors were then installed on 8" centers.



The Foamfrax RG Plus was then gunned to a thickness of 4", troweled smooth, and scored on 2' centers.



After the Foamfrax RG Plus material airset for 24 hours, which allowed the cement enough time to hydrate, the ground flare was available for use.

The primary benefit of Foamfrax RG Plus in this application is that it is durable enough to withstand moderate weather exposure, yet has a low enough density to handle the thermal shock of repeated and rapid thermal cycling.