



Installation Story #31 Foamfrax® Insulation

Industry:	Steel
Location:	Northeast United States
Installation Date:	September 2004
Type of Unit:	Carbottom Furnace
Operating Temperature:	2300°F (1260°C)
Scope of Job:	Foamfrax Grade II Insulation 12" Thick Lining, Roof, Sidewalls, and Endwall



Inconel 601 anchors were used for this installation. Foamfrax "V" anchors were used on the sidewalls and backwalls. Foamfrax overhead anchors (one piece) were used on the roof along with spider netting on the furnace roof casing plate.



Starting at the endwall and working towards the door, Foamfrax Grade II Insulation was installed at 12" thickness.



The Foamfrax Grade II Insulation was tapered back around the burner locations to allow for proper combustion.



The completed lining was troweled smooth and scored per the standard guidelines for Foamfrax full-thickness linings.

With the installation of Foamfrax Insulation, the following customer benefits were realized:

- **Turnkey Installation Service**
 - A specially trained Unifrax distributor/contractor was able to supply materials, equipment, and installation as a complete package.
- **Installation Speed**
 - The entire installation (tear-out, removal, installation) was completed in five days and on very short notice. Foamfrax Insulation is stocked by Unifrax distributor/contractors for emergency installations such as this.