



Concrete Block Insulating Systems

**WHAT TO CONSIDER WHEN SELECTING
A METHOD OF INSULATING MASONRY WALLS**

| <u>Issue**</u> | <u>Korfil/Icon Inserts</u> | <u>Pumped in Place Cellular Foam*</u> |
|--|---|---|
| 1.) <i>Thermal Characteristics R-Value</i> | <i>Warranted to Maintain 100% of R-Value for a minimum of 20 years.</i> | <i>Current testing shows shrinkage and disintegration under conditions found within Masonry Walls can reduce R-Values by more than 50%. Claimed R-Value 14 (not possible) Actual R-Value approx. 3 (possible)</i> |
| 2.) <i>Installation</i> | <i>Guaranteed - Masonry Units are delivered Preinsulated.</i> | <i>Foam is placed in Masonry Units at job site and is subject to workmanship, obstructions and construction sequencing.</i> |
| 3.) <i>Masonry Core Water Drainage</i> | <i>Cores remain open for drainage through weeps.</i> | <i>Cores filled with Foam restrict drainage through weeps.</i> |
| 4.) <i>Grouted Reinforced Masonry</i> | <i>Inserts can remain in place in grouted cells.</i> | <i>Foamed Core cannot be grouted. At 32 inch vertical grout spacing, 25% of wall is uninsulated.</i> |
| 5.) <i>In Place Cost</i> | <i>Each Masonry Unit arrives insulated and the cost per R is a known value.</i> | <i>Unknown - Depends on grouting, shrinkage, and all of the above.</i> |

* Has the appearance and consistency of white shaving cream.

** For Further Technical Substantiation, please contact Concrete Block Insulating Systems, Inc.

January 1997

