



## DSF No. 7004

**Subject:** Diamond Snap-Form ICF Corner Room Test Results

**Date:** February 2011

The International Building Code (IBC) has specific requirements when it comes to the application of foam plastics.

The codes require the use of a thermal barrier covering the foam plastic, when the foam plastic is placed toward the interior of habitable space.

This code requirement does not include attics with limited access, crawl spaces, or mechanical rooms, all of which have alternate provisions within the codes.

A recognized building product used to meet these thermal barrier code requirements is 1/2" gypsum board (other materials may qualify under the code). In applications where the DSF ICF System is utilized to create a full basement or the main structure above grade, it is required that the Diamond Snap-Form ICF interior be covered with a thermal barrier.

DSF ICF was subjected to a "Corner Room Burn" (UL 1715, UBC 26-3) test at a third party laboratory to demonstrate that the application of gypsum over the DSF ICF System meets code requirements for a thermal barrier. This test showed that the code-required thermal barrier remained in place through the fire test.

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