



## Case Study

Holiday Snacks, Ltd.

## Award Winning Energy Saving and Asset Protection Coatings

### GEOGRAPHICAL AREA:

Caribbean

### ISSUE:

Find a better solution for insulation of manufacturing equipment to reduce energy and heat loss and to improve employee safety.

### SOLUTION:

Syneffex High Heat thermal insulation & corrosion prevention coating.

Coverage: 6-coats

### RESULTS:

✓ Casa Oven :

Uncoated Surface: 95C (203F)  
Syneffex Surface: 75C (167F)  
**Temperature Difference = 20C (36F)**

✓ Vent Duct

Uncoated Surface: 127C (260.6F)  
Syneffex Surface: 112C (233.6F)  
**Temperature Difference = 15C (27F)**

✓ Peanut Fryer

Uncoated Surface: 99C (210.2F)  
Syneffex Surface: 72C (161.6F)  
**Temperature Difference = 27C (48.6F)**



Syneffex High Heat coating was applied at a thickness of 6 coats (approx. 300 microns) to the exterior of a Casa oven, a vent duct and a peanut fryer to reduce surface temperature and insulate the equipment to reduce energy costs.

The application was done in April 18, 2010, and readings were taken throughout the curing period, with the last readings taken on June 15th. Two separate temperature readings were obtained for each piece of equipment.

Results:

“The data attached shows that Syneffex High Heat was successful in reducing surface temperature by up to 20°C. (36°F)”

-Dexter Robinson  
S&R Distribution, industrial contractor Trinidad, West Indies

