

# Cement Block Walls

## *Applying Thermilate® to cement block walls of identical duplexes*

Indoors or outdoors, **Thermilate®** insulating paint products have proven under scrutiny to increase the energy efficiency of homes and businesses constructed of concrete. You can see through test results in the graph below, **Thermilate®** makes a difference when mixed with paint applied to concrete. It drives down temperatures inside a concrete building during the summer months. The difference in temperature between concrete buildings without **Thermilate®** and those treated with our paint additive can sometimes vary by up to 15 degrees Fahrenheit. **Thermilate®** makes the environment in your home or office more comfortable and saves you money on utility bills!

### Test Data

**The Insuladd Company**  
**653 8th Ct.**  
**Vero Beach, FL 32962**

**Test:** September 17th, 1998

**Location:** Orlando, Florida

**Structure:** Identical cement block 2 bedroom/1 bath duplex apartments. No A/C running.

Time of day:	8	9	10	11	12	1	2	3	4
Outside air temp. in Deg. F	73	77	84	87	91	93	92	88	86
Outside wall with Thermilate	75	77	84	88	89	89	89	85	84
Outside wall without Thermilate	80	91	98	102	104	107	105	103	101
Inside wall with Thermilate	73	74	76	79	82	85	84	79	76
Inside wall without Thermilate	73	76	81	86	90	92	91	87	82
Outside wall differential	5	14	14	14	15	18	16	18	17
Inside wall differential	0	2	5	7	8	7	7	7	6

**Summary:** The use of **Thermilate®** is an effective way to decrease the heat transfer and heat flow through the walls of a concrete building. The energy cost reduction potential for this material is one of the best choices for any residential and commercial paint project over cement structures.

**Test supervisor:** Clem HawkinsC16D-22G

**Test validated:** 9/18/98

