

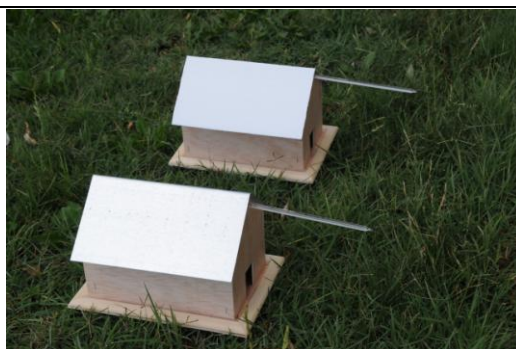
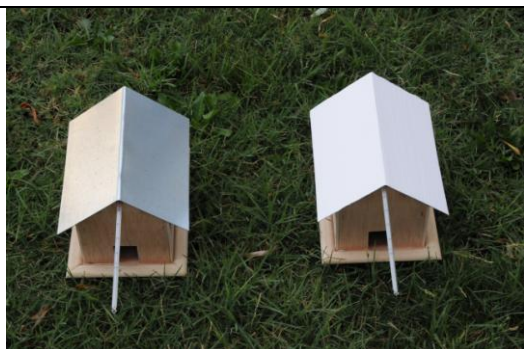
The extraordinary performance of this coating is revealed with a simple test consisting in the comparison of the evolution of the temperatures in 2 small test houses made of wood with metallic roof (galvanized sheet). One of the metallic roofs is protected with the coating **TECMA PAINT TERMIC FARENHEIT 10.8**, the other one is not protected and will be used as reference. Under the roof of both small houses a thermometer is placed that measures continuously the interior temperature just under the metallic roof. Environmental temperatures and moistures are also controlled during all the time of the test. Both small houses are submitted to the same conditions of exposure to sun rays in the exterior and evolution of temperatures is measured and differences of temperatures under the roof inside the two small houses are noted.

Time	Environmental T (in °C)	Relative moisture of the air (%)	Temperature under roof inside the small house (in °C)		+T (in °C) Difference of temperatures
			Small house not protected	Small house protected with T. PAINT TERMIC FARENHEIT 10.8	
8.45	22,0	40	22	22	0
9:00	22,8	40	29	23	- 6
10:00	26,6	38	39	28	-11
11:00	27,1	36	44	32	-12
12:00	29,5	35	50	35	-15
13:00	29,6	34	52	36	-16
14:00	31,7	29	53	37	-16
16:00	33,0	28	55	40	-15
17:00	31,5	29	53	39	-14

Conclusions:

According to the test results, the thermal efficiency of the coating **TECMA PAINT TERMIC FARENHEIT 10.8** is surpassing after just 15 minutes of exposure to sun, allowing to keep the surface and the interior of the house to a temperature much lower than the temperature of the referente house. The difference of temperatures is higher at higher environmental temperatures, so in the afternoon differences of temperatures superior to – 15° C are reached.

This very important reduction of temperatures in the interior just applying a coating of **TECMA PAINT TERMIC FARENHEIT 10.8** on the roof, will mean an important reduction of energy costs, being even innecessary the use of air condition equipments.



Small wood houses with metallic galvanized sheets exposed to sun radiation: The metallic roof of one of the houses is protected with **TECMA PAINT-TERMIC FARENHEIT 10.8**, the other house is not protected and is the reference.