







Before application





Before application above





Dining room



Nursery







During





During





During above

Completed below





Completed



June 25th, 2005

Mr. James Sacco
VALLEY CHRISTIAN CENTER
2745 2nd St.
Ceres, CA. 95307

Dear Jim,

Here are the results from the application of our product, Cerama-Tech, to the rooftop AC unit and exposed metal ducts on the roof of the dining room at the Valley Christian Center church.

The AC unit on the roof of the dining room serves the dining room, the kitchen area and also the nursery located off of the S/E corner of the dining room. The thermostat for this unit is located on the South dining room wall near the door at the S/W corner of the dining room.

The only return air register is located on the ceiling of the dining room app 10 feet S/W of the front of the AC unit. There is no return air register in the nursery.

Both the nursery and dining room have 2 supply registers located in-line near the center of the rooms. There is an app 28 running foot length of 1' x 1' metal ducting running from the AC unit to the farthest register above the nursery, however, only 14 feet of this is exposed to the sun as it then enters the roof and the remainder runs through the attic space. There is a 15' length of 1' x 1' duct running from the AC unit to the farthest register above the dining room. There is also an app 6' long split duct plenum coming off the AC unit prior to these lengths of ducts. Please see the attached photographs for a visual.

On June 23rd 2005, the AC unit and exposed ducts were cleaned with water and a light scrub brush and then rinsed with water.

On June 24th 2005, thermometers were placed in the registers to measure the air temperature where it entered the building at the farthest register in the dining room and the closest register in the nursery.

The unit was allowed to run for app 20 minutes prior to taking the initial air temperature readings and also allowed to run for 20 minutes before the next day's readings.

On June 24th at exactly 11:00 am, just prior to beginning the application, the following readings were recorded;

Dining room air temperature - 47 degrees F.
Nursery air temperature - 50 degrees F

The AC unit, return air duct and both lengths of supply air ducts were then painted with our product Cerama-Tech at a spread rate of app 125 sq ft per gallon. All accessible exposed areas of the metals were coated.

On June 25th 2005, again at exactly 11:00 am, readings were taken with the following air temperatures recorded;

Dining room air temperature - 40 degrees F.
Nursery air temperature - 39 degrees F.

I have included print outs of the hour-to-hour ambient air temperatures for both days from the Weather Channel. As you will note, the only difference is a 1-degree higher reading on the 25th at 11:00 am.

Between the two rooms this application has resulted in an average air temperature reduction of 9 degrees F.

One of the church members commented that the nursery has always been “Really warm, uncomfortably warm”. I suspect that will not be the case any longer as you yourself commented that the dining room was colder than you had ever felt it before and you added “I’m cold!”. At that exact time, around 3:30 pm, the unit had been turned back on and had been running for approximately 30 minutes. The room thermostat was reading 65 degrees with both an outside door and the door to the hallway standing open.

With the several other comments from members present, I believe we were quite successful in helping to keep that building cooler by reducing the load on the unit.

Thank you for the opportunity to demonstrate how effective our paint is on rooftop AC units and exposed metal ductwork.

Please contact me with any questions.

Sincerely,

Hal Skinner



Valley
Christian
Center

"Exalting God and Building People"
An Assemblies of God Church

July 13, 2005

CT-CALIFORNIA
1420 Paradise Rd
Modesto CA 95351

Attn: Mr. Hal Skinner



Dear Hal:

Although Valley Christian Center does not endorse any products, we are very pleased with the results of applying your product, Cerama-Tech, to our rooftop AC unit and metal ducts.

Dropping the air temperature coming into the dining hall and nursery by 10 degrees has made a very noticeable difference in the comfort level of these rooms. It is also very noticeable how much sooner the rooms get cooled when the unit is first turned on.

Cerama-Tech on rooftop AC units and ducts is an obvious energy save and we expect the life of our unit itself will be extended because of the obvious reduction of the load on the unit.

Thank you for bringing this very impressive product to our attention.

Sincerely,

Pike C. Robinson

Pike C. Robinson
Pastor





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Yesterday	Today	Hour-by-Hour	Weekend	10-Day	Month
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Hour-by-Hour Forecast for Ceres, CA (95307)

On The Spot Weather

Choose Location

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Fri, June 24

Time	Condition	Feels Like	Chance Precip	Dew Point	Humid.	Wind
10am	Sunny 68°F	68°F	10%	51°F	49%	From NW 8 mph
11am	Sunny 72°F	72°F	0%	51°F	43%	From NW 8 mph
12pm	Sunny 77°F	77°F	0%	51°F	37%	From NW 8 mph
1pm	Sunny 80°F	79°F	0%	51°F	34%	From NW 9 mph
2pm	Sunny 83°F	81°F	0%	50°F	30%	From NW 11 mph
3pm	Sunny 85°F	82°F	0%	48°F	27%	From NW 12 mph

Evening Commute

[See Pollen Hot Spots](#)

4pm	Sunny 87°F	84°F	0%	47°F	24%	From NW 12 mph
5pm	Sunny 88°F	85°F	0%	46°F	23%	From NW 13 mph

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Yesterday	Today	Hour-by-Hour	Weekend	10-Day	Month
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Hour-by-Hour Forecast for Ceres, CA (95307)

On The Spot Weather

Choose Location

Table Display [Graph Display](#)

Sat, June 25

Time	Condition	Feels Like	Chance Precip	Dew Point	Humid.	Wind
Morning Commute						
9am	Mostly Sunny 66°F	66°F	0%	52°F	56%	From NW 9 mph
10am	Mostly Sunny 70°F	70°F	10%	52°F	49%	From NW 9 mph
11am	Sunny 73°F	73°F	10%	52°F	44%	From NW 8 mph
12pm	Sunny 76°F	77°F	10%	51°F	40%	From NW 8 mph
1pm	Sunny 79°F	79°F	10%	51°F	36%	From NW 7 mph
2pm	Sunny 81°F	80°F	10%	51°F	34%	From NW 8 mph
3pm	Sunny 84°F	82°F	10%	50°F	31%	From NW 8 mph
Evening Commute						
4pm	Sunny 86°F	84°F	20%	49°F	28%	From NW 9 mph

See Pollen Hot Spots

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