

Air Krete Masonry Wall Insulation

Ayersville Local Schools - District Complex



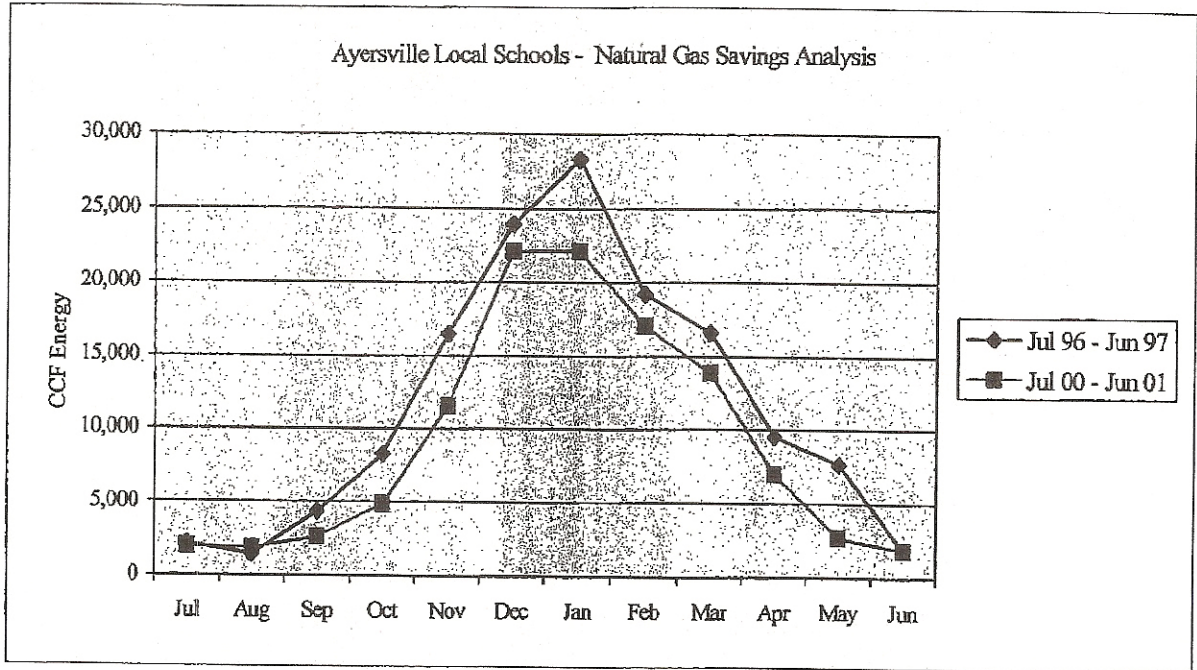
Air Krete Masonry Wall Insulation - Swimming Pool Walls (Only) delivered 20.7 % savings in the Districts total natural gas use.

The Pool Facility contains only 14,300 square foot (8.81 %) of the complexes total floor space area of 162,394 square foot. The Pool Facilities 13,843 square foot of exterior wall area represents (29.59%) of the complexes 46,780 square foot exterior wall area total .

Air Krete Masonry Wall Insulation is a water-based, fireproof, foam product installed between the 4" face brick and 8" concrete block exterior walls. The material is injected by compressed air pressure through access holes drilled in the mortar joints.

	Base Year Data Jun 96 - Jul 97	Retrofit Year Data Jul 00 - Jul 01
Natural Gas Use (CCF)	140,050	109,639
Heating Degree Days	6,421	6,339
CCF per HDD	21.81	17.30
CCF Savings per HDD		4.51
Percent Savings		20.7%
CCF Savings per Year		28,589
CCF Cost Per Unit		\$0.86
Annual Dollar Savings		\$24,586.54
Air Krete ECM Cost		\$30,854.00
Payback Period		1.25 years

Ayersville Local Schools - Natural Gas Savings Analysis



	Jul 96 - Jun 97	Jul 00 - Jun 01	+/- Change
Jul	2,180	2,016	164
Aug	1,460	1,856	-396
Sep	4,340	2,638	1,702
Oct	8,270	4,866	3,404
Nov	16,490	11,548	4,942
Dec	23,970	22,135	1,835
Jan	28,330	22,139	6,191
Feb	19,210	17,041	2,169
Mar	16,640	13,850	2,790
Apr	9,560	6,995	2,565
May	7,680	2,709	4,971
Jun	1,920	1,896	24
Total	140,050	109,689	30,361

Please contact us for more details or specific information.