

Energy Saving Assist, Chapel Hill, NC

It's always nice to be associated with an energy saving project especially in these days of fluctuating fuel costs. When the Town of Chapel Hill, North Carolina decided it was time for a new vehicle maintenance facility, their concerns were not just esthetics and space. Knowing first hand the cost of fuel, they are trying to cut energy expenses wherever possible. Therefore the ideas of radiant heat and a reflective finished concrete floor, as presented by architectural firm, Corley, Redfoot and Zack, Chapel Hill, were well received and approved.

GC-DH Griffin general contractors out of Cary, NC and Uressery Concrete finishers went to work. They called upon Guaranteed Supply out of Raleigh who lead them to materials that would help support rebar and radiant piping, as well as shake on hardeners, evaporation reducers and cure & seal products as developed by Dayton Superior.

Shortly after each 6000sf pour for this 66,000sf facility they applied Dayton's Ferro Tuff light reflective dry shake floor hardener. That was followed by our J-74 Sure Film evaporation reducer, and lastly by J-22 Acrylic cure & seal.



The trowel techniques used by the finishers were critical to producing the excellent reflective floors they were looking to achieve.

Radiant heat is constant, even and low cost. The reflective flooring will allow the maintenance facility to lower the lighting candle power/ lower the electrical consumption and still produce the level of light for good working conditions.

Your next industrial or commercial floor can also be this successful; for more information on this project or any of the products used, just contact your local Dayton Superior Customer Service location at 888.977.9600, they will put you in touch with our experts. 

