

STONHARD® Solutions

Stonhard Responds to the Call of the Valley Hill Fire Station with Floors That Perform and Impress

Products used at Valley Hill Fire Department:
• Stonclad GS • Stonshield SLT

The Valley Hill Fire Department in Hendersonville, North Carolina is dedicated to serving the needs of its community and is built on a strong sense of tradition and pride. They recently displayed that pride during their 50-year celebration.

The Valley Hill squad, under the leadership of Battalion Chief Tim Garren, gives special care to their facility and equipment. Vehicles must be ready to respond to any emergency at a moment's notice. The facility is kept in top condition in order to ensure a safe and efficient working environment. The Valley Hill fire command also wants to showcase their firehouse by providing a contemporary, clean and beautifully-designed and maintained facility for the staff and the community. Their effort to achieve this goal begins from the floors up.

The existing concrete floors in the station were damaged and in worn condition. The apparatus bay floors were stained by oil and dirt that had built up over time. As a result, the floors appeared unclean despite 4 hours of rigorous scrubbing on a weekly basis.

The Valley Hill decision makers required floors that are durable, attractive and low maintenance. They also needed floors that stand up to continuous foot and vehicle traffic while still making a design statement. Stonhard answered the call of the Valley Hill Fire Department. Stonhard's local Territory Manager worked with the station to meet the criterion.



Stonclad GS provides serious protection for heavy-duty environments.



Firehouse floors have a Stonhard epoxy system with a urethane coating that is safe, improves cleanability, stain resistance and UV resistance while providing a glossy, sleek finish.

Preparations for these areas began by stripping the existing concrete of all oil and dirt using shot blasting equipment. This process cleans and abrades the concrete and creates a porous, laitance free surface. Next, an epoxy primer was applied to maximize bonding. A Stonclad GS flooring system was chosen for the station house and maintenance garages. This seamless, epoxy resin system with polished aggregate is impact, abrasion and chemical resistant. A seamless cove base provided a smooth transition between the floor and wall.

Stonshield SLT, a decorative and textured floor was installed in the kitchens of the firehouse. Stonblend GSI, a durable and artistically-designed system was chosen for the heavily traveled lobby area. Together these products met the needs of the firehouse providing durability, long lasting performance, easy maintenance and a striking appearance. All three Valley Hill fire stations have Stonhard floors producing a uniform theme between stations.

Color played an important role in the design of the floors. Red represents the tradition of firehouses throughout the world, while the gray drive-through bays and white lines in the apparatus bays present a clean and contemporary finished result. The kitchens and lobby area were done in coordinating color blends to flow with the color scheme of the rest of the facility.

The preparation and installation schedule needed to accommodate the round-the-clock fire and rescue obligations of Valley Hill firehouse. The coordination and planning of the installation involved Stonhard's project management expertise. Stonhard's team of sales, project and construction management staff delivered the floors in the schedule set forth by the Valley Hill Fire Department, without disruption to the house's primary responsibility – saving lives.

Stonhard has more than 90 years of experience delivering dependable, high-performance floor and wall systems to industrial and commercial markets. Stonhard provides a single-source warranty on both products and installation. From engineering and design to installation and after-market services, Stonhard offers floors for every environment.

The Valley Hill Firehouse has become a standard for excellence for area firehouses based on not only the skills and reputation of the firefighters, but also the design and maintenance of their showcase facility.

The Stonhard Difference

Stonhard is the unprecedented world leader in manufacturing and installing high performance polymer floor, wall and lining systems. Stonhard maintains 300 product engineers and 175 application crews worldwide who will work with you on design specifications, project management, final walk through and service after the sale. And, Stonhard's single-source warranty covers both products and installation.



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