

## PROJECT PROFILE

April, 2011

Client: Guilford Detention Center, Greensboro, NC

- General Contractor: Balfour Beatty/D.H. Griffon
- Structural Engineer: Michael Simpson Associates
- Concrete Contractor: Miller & Long
- Distributor: Contractors & Industrial

## A 'secure' facility in more ways than one

### Powers adhesives save time, money and frustration on North Carolina project

GREENSBORO, NC — A brief tour of the jobsite where the new medium security detention facility was being built in Greensboro, NC, turned up a set of serious concerns for the contractors on the site. A visitor couldn't help but notice an assortment of broken Hilti® HY-150 adhesive cartridges strewn around the floor and a number of dispensers clogged and coated with uncured adhesive.

It was clear, according to Powers' Bob Aurisy, there was a better way to get the job done quickly, more easily and more efficiently.

The answer came in the form of Powers' AC100+Gold Acrylic Adhesive. Packed in plastic cartridges, this two-component adhesive anchoring system comes complete with mixing nozzles, dispensing tools and hole cleaning equipment.

The new facility consists of 5000 PSI concrete poured in place with the walls reinforced with No. 5 rebar. The competitive product had been the standard for the doweling process, but was proving to be inefficient.

"We showed them that AC100+Gold was available in larger cartridges and that this, teamed with our battery-operated dispensing tool with its precise dosage control feature, would save both time and reduce waste," Aurisy points out.

900 28-ounce tubes went into the job along with dispensing tools to put the adhesive in place. The AC100+Gold is designed for bonding threaded rod and reinforcing bar hardware into drilled holes in concrete

base materials. It is Builder Code Certified to the newest IBC levels—ICC-ES ESR-2582 for uncracked concrete. For details on this and the complete product line, go to [www.Powers.com](http://www.Powers.com).

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