



## TX Active Photocatalytic Cement

### The Yoga Studio

#### Clarke County, Virginia

Towering oaks enhanced the property where Paul and Annie Mahon chose to build The Yoga Studio. But seasonal bombardments of staining acorns and atmospheric compounds from a busy grilling area threatened to mottle the pristine concrete surfaces of architect Jim Burton's vision for this haven of natural healing.

**Solution:** TX Active photocatalytic cement. Burton specified TX Active for the structure's exterior concrete walls and grill area (shown here). With self-cleaning capabilities activated by sunlight, the choice proved to be a natural for building in woody environments. It also distinguished Burton as the first architect to use photocatalytic cement on this side of the Atlantic. (TX Active has performed successfully in notable European architecture for over a decade.)

“Once winter came and the leaves fell off the trees, sunlight was able to reach the concrete and the acorn stains were removed. This new technology keeps all the concrete areas looking fresh.”

— **Jim Burton, AIA**  
**Carter + Burton Architecture**  
**Berryville, Virginia**

The clients' and architect's commitment to sustainability through the combined use of TX Active and other green technologies earned the venture a LEED Gold certification when it was completed in 2007. As part of the LEED for Homes pilot program, Southface Energy Institute was the LEED provider for the project.



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