



## News Release

Bayer MaterialScience LLC  
100 Bayer Road  
Pittsburgh, PA 15205-9741  
412-777-2000

Contact: Thomas Erdner  
Media Line: 412-777-5200  
Fax: 412-778-4430  
e-mail: [thomas.erdner@bayermaterialscience.com](mailto:thomas.erdner@bayermaterialscience.com)

### **Bayer MaterialScience's Baydur Composite Used in LifeTime Lumber's "Polyurethane Wood"**

Decking, Fencing and Barn "Lumber" Uses Polyurethane Material from Bayer MaterialScience

COLUMBUS, Sept. 28, 2005 — Southern California-based Century Products, LLC has introduced LifeTime Lumber, which has the look and feel of wood without the high maintenance. This "polyurethane wood", which can be used for decking, fencing and barn construction, is made from a Baydur composite from Bayer MaterialScience.

The uniqueness of the "wood" lies in the urethane chemistry that is the cornerstone of the manufacturing process. Fly ash, an inactive waste product from electric utility plants, is the major component of the material. Other materials provide a combination of strength, weight, flexibility and resistance to water absorption, unlike wood or other composite products currently on the market. A polyurethane system from Bayer is the "glue" that holds the fly ash and other components together, providing a *greater* bond strength than that of natural wood.

"Century Products is proud to bring these materials to market," stated James Mahler, Century Products' senior vice president of Business Development. "The opportunity to create a product that is an improvement over those already in the marketplace is rare, and we believe that polyurethane wood is just the beginning."

The polyurethane material, which is offered in redwood and gray colors, is ideal for applications around barns, pools, docks and marinas. LifeTime lumber will not rot, has a class B fire rating and is impervious to termites. The boards are not affected by climatic elements that may cause thermal expansion and contraction; therefore, boards will not warp, sag, split or splinter. Installation of LifeTime lumber, which is available with tongue and groove, can be done with ease using the same tools as natural wood.

LifeTime Lumber products are “green,” or eco-friendly – meaning there are no harmful emissions from the production plant; the process is energy efficient, recycled materials are used and valuable forests are preserved.

“We’re very pleased to be working with Century Products as they roll out their LifeTime Lumber line,” said Harry George, business manager for Bayer’s Specialty RIM group. “We believe the product line has great potential. We envision a tremendous number of large scale installations in both new and replacement deck and fence applications.”

For more information on LifeTime Lumber Products, visit [www.lifetimelumberproducts.com](http://www.lifetimelumberproducts.com), call 760-634-6896 or fax 760-634-0795.

For more information on Baydur composites from Bayer MaterialScience, call 800-662-2927 or visit [www.BayerMaterialScienceNAFTA.com](http://www.BayerMaterialScienceNAFTA.com).

Bayer MaterialScience LLC is one of the leading producers of polymers and high-performance plastics in North America and is part of the global Bayer MaterialScience business with 18,000 employees at 40 sites around the world and 2004 sales of 8.6 billion euros. Our innovative developments in coating, adhesive and sealant raw materials, polycarbonates, polyurethanes and thermoplastic urethane elastomers enhance the design and functionality of products in a wide variety of markets, including the automotive, construction, electrical and electronics, household and medical industries, and the sports and leisure fields. Our inorganic basic chemicals unit produces chlorine and related essential products for the chemicals industry. Let us give life to your vision. Bayer MaterialScience – Where VisionWorks.

Bayer Corporation, headquartered in Pittsburgh, is part of the worldwide Bayer Group, an international health care, nutrition and innovative materials group based in Leverkusen, Germany. In North America, as of April 2005, Bayer employed about 16,000 and had net sales of 8.3 billion euros. Bayer’s three operating companies – Bayer HealthCare LLC, Bayer

CropScience LP and Bayer MaterialScience LLC – improve people’s lives through a broad range of essential products that help diagnose and treat diseases, protect crops and advance automobile safety and durability.

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