

UWM Center for By-Products Utilization

Department of Civil Engineering and Mechanics

College of Engineering and Applied Science

SEMINAR

Concrete, it always shrinks, doesn't it?

By



L. Michael Shydrowski

President and CEO

Master Builders, Inc.

January 29, 2004 3:00 P.M - 4:00 P.M.

Room E375, EMS Building, UW-Milwaukee

3200 N. Cramer Street, Milwaukee, WI

It is universally accepted that concrete will shrink unless it's submerged in water. The question is, can the amount of shrinkage be controlled? More importantly, can cracking associated with shrinkage be prevented? This presentation will cover innovative concrete-making materials that are currently being used to control and reduce significantly the impact of drying on the performance, durability, and serviceability of concrete. In particular, attendees will learn about the unique benefits of shrinkage-reducing admixtures and their use in various concreting applications, such as slabs and liquid-containment structures. An electronic tool that demonstrates the impact of reducing shrinkage on joint spacing in slabs-on-grade will also be introduced.

Mr. Shydrowski's brief biographical information is provided at the back of this page.

**To register or for further information, please call Tarun Naik or Rudi Kraus at
(414) 229-4105.**

Biographical Sketch

L. Michael (Mike) Shydowski

President and CEO of Master Builders, Inc.

Education

Mr. Shydowski graduated from Marquette University in Milwaukee, Wisconsin with a Bachelors of Science degree in Civil Engineering.

Work History

Mr. Shydowski has over 35 years of experience in marketing, sales, technical service and general management in the ready-mixed concrete business as well as cement, fly ash, admixtures, and other materials for repair and protection of concrete. He became President and CEO of Master Builders in 1996.

Industry Involvement

Mr. Shydowski serves on many industry committees, especially within the National Ready Mixed Concrete Association (NRMCA). He is a member of the NRMCA Board of Directors and past chairman of the NRMCA Materials Division. He is a trustee and past Vice Chairman of the RMC Research and Education Foundation.

He is a founding father of RMC 2000, an industry-wide change program started in January 1993. In August 1995, he and his Master Builders team were recipients of the RMC 2000 Visionary Leadership Award. In January 2003, he was awarded the Chairman's Award for his "extraordinary dedication to the National Ready Mixed Concrete Association." He is also a founding father of PC-21, a similar change process for the Precast Industry in the United States.

He is also a founding father of the Strategic Development Council (SDC), a coalition of concrete industry leaders dedicated to accelerating the rate of technological advancement in the concrete construction industry, and is the past chairman of its Executive Committee. SDC is a council of the Concrete Research and Education Foundation of ACI. Mr. Shydowski has been a member of ACI since 1969.

In October 2003, he was recognized by CANMET and ACI at the Seventh International Congress held in Berlin, Germany for his "sustained and outstanding contribution in the general area of marketing of superplasticizers and other chemical admixtures for the concrete industry." He is also a member of the Board of Directors of the Civil Engineering Research Foundation (CERF).

Mr. Shydowski is a trustee of the National Steering Committee of Middle Tennessee State University and a member of the Board of Directors and Executive Committee of the Boys and Girls Clubs of Cleveland.