



## Press Release

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FOR IMMEDIATE RELEASE

### **Wynright's Mega Mezzanine Earns Design Award From Steel Joist Institute**

*Meeting the stringent requirements of Seismic Design Category E in California*

**Elk Grove, IL, October 11, 2011** – Wynright Corporation, the nation's leading independent, U.S.-based provider of intelligent material handling systems, has received the Steel Joist Institute's 2011 Design Award. The much coveted award was presented to Wynright Structural Solutions for the design, manufacture and installation of a 135,000 square foot mezzanine erected in SKECHER USA's 1.8 million square foot warehouse in Moreno Valley, CA.

The award winning mezzanine is an integral part of a complex material handling system designed and installed for SKECHERS USA. Being located in a high seismic risk area, the structure needed to meet the stringent requirements of Seismic Design Category E. To assure the structural performance of the mezzanine, Wynright Structural Solutions designed a moment frame system utilizing joists and joist girders to resist the type of horizontal forces that could be produced in a high seismic risk area such as Moreno Valley, CA.

"Joists are typically employed as simple span members and therefore only contribute to a structure's seismic load resisting system (SLRS) as part of a roof or floor", explained Ted Zurkowski, President of Wynright Structural Solutions. "In this project the joist girders and tie joists were designed as critical, primary members within the SLRS, effectively treating each mezzanine column as its own mini-SLRS". Applying this unique strategy allowed the seismic forces to be widely distributed throughout the mezzanine, creating a far more flexible and redundant structural system as a whole. This design also resulted in smaller foundation loads and a simpler, more economical footing design.

"Judging for the project was based on flexibility, speed of construction, value, and aesthetic considerations", stated J. Kenneth Charles III, managing director of the Steel Joist Institute. Valley-Joist West, the steel joist manufacturer for the project, was also recognized. The Steel Joist Institute's award is accompanied by a Scholarship which will be presented to the University of Illinois' engineering Department in Wynright's name.

#### **About Wynright**

Wynright Corporation is the nation's leading independent, U.S.-based provider of intelligent material handling systems. With more than 200 engineers in-house, the company designs,

manufactures, integrates and installs the full spectrum of intralogistics solutions, offering both Wynright branded and third-party equipment to meet customer needs. These include leading-edge conveyor and sortation systems, voice/light-directed order fulfillment equipment, warehouse control systems, robotics, mezzanines and support structures, backed by critical round-the-clock service and support. Since its founding in 1972, Wynright has been a trusted partner to some of the world's largest and fastest-growing companies, showing them how to use their space more efficiently to deliver improved productivity, today and tomorrow. For more information on our services, technology and product portfolio, please visit [www.wynright.com](http://www.wynright.com).

**Contact:**

Joe O'Connor

Director of Marketing

Wynright

708.229.8280

[joconnor@wynright.com](mailto:joconnor@wynright.com)

[www.wynright.com](http://www.wynright.com)