

ARCHITECTURAL RECORD

Wake-Up Call:
New York After
the Storm

+ DESIGN VANGUARD 2012
+ RECORD PRODUCTS
+ STADIUMS & ARENAS

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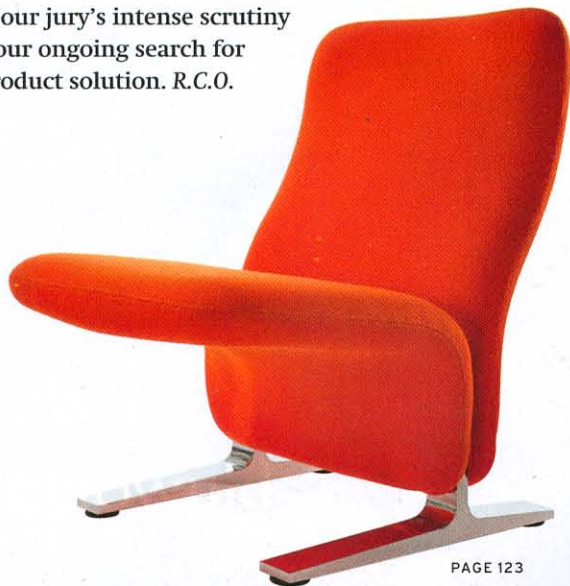
2012 Record Products

Edited by **Rita Catinella Orrell**

Each year ARCHITECTURAL RECORD's editors put out a call for manufacturers to send us the best new building products on the market – from furniture to flashing – and invite a jury of architects, designers, and product specialists to review product data sheets, photos, and sometimes real samples, to help us determine which are the most outstanding.

This year, for the first time, manufacturers submitted their entries through a digital process, which the jury then used to vote remotely during a first round of judging. In September, the jurors met in our New York City office for a second round of judging, which resulted in the selections we present here, alongside a group of Editors' Choice winners selected from products published throughout 2012.

Our jury was as tough as you'd expect. They didn't want products to sacrifice aesthetics for performance or ones that were unnecessarily complex. They liked modularity and flexibility and dismissed entries that they felt were "too heavy," "too expensive," or "not refined enough." We hope the results of our jury's intense scrutiny will help in your ongoing search for the perfect product solution. R.C.O.



PAGE 123



This button identifies the jury's favorite product in each category.

- 123 FURNISHINGS
- 124 LIGHTING
- 127 PLUMBING & HVAC
- 128 MATERIALS
- 130 FINISHES
- 132 SPECIALTIES & CONVEYING SYSTEMS
- 134 THERMAL & MOISTURE PROTECTION
- 136 OPENINGS
- 141 EQUIPMENT
- 142 EDITORS' CHOICE 2012

PAGE 127

Jurors *All jurors based in New York City*

Stephen Horner is principal/owner of MediumBase Lighting Design & Consulting, which he established in spring 2011. Offering project-based lighting-design services for architectural, landscape, and urban environments, the firm's outlook is guided by Horner's training in social/cultural anthropology and 15 years of lighting-design and industry experience.

James Gainfort is the principal of James R. Gainfort, AIA Consulting Architects, an architectural firm offering consulting services to owners and architects in the specialized field of building exteriors. He has been a lecturing faculty member at Columbia University Graduate School of Architecture, Planning and Preservation; Pratt Institute; and New York University School of Continuing Education.

Sara Demel is a certified lighting professional and senior project manager at SBLD Studio. A member of the USGBC, she is an active participant in the New York State Energy Research and Development Authority Energy Smart Program and is a member of the Illuminating Engineering Society. Demel has worked on projects including the Federal Reserve Bank and NASDAQ in New York City, and the American College of Cardiologists in Washington, D.C.

Florian Idenburg & Jing Liu founded Solid Objectives–Idenburg Liu (SO–IL), an idea-driven design office, in 2008. SO–IL has worked on projects ranging in scale from the master plan of a cultural campus in Shanghai to a series of prints for the Guggenheim Museum.

Clayton Whitman, IIDA, LEED AP, is an associate principal at the A&D firm Callison. As a multidisciplinary interior designer, he often facilitates product research and development and manufacturer coordination, with an emphasis on sustainable design and luxury retail. Whitman has a B.F.A. in interior design from Cornish College of the Arts in Seattle.

Tomas Janka is a founding partner of Ariel 10, an architecture and design firm with a variety of projects in the U.S. and abroad. He received a degree in architecture from the École Spéciale d'Architecture in Paris and an M.Arch. from Harvard's GSD. Prior to forming Ariel 10, he worked on projects around the world for offices such as REX, OMA, Massimiliano Fuksas, and Ateliers Jean Nouvel.

Andreas Hausler, Assoc. AIA, LEED AP BD+C, has 28 years of experience as a designer, detailer, job captain, project manager, technical designer, and quality director. He is currently a vice president and sustainable-design leader with Cannon Design's New York City office, which he joined after a 17-year career with Kohn Pedersen Fox (KPF) in New York and London. His last project with KPF, the International Commerce Center in Kowloon, Hong Kong, was recently completed and ranks among the tallest buildings in the world.

Juror portraits by **Axel Dupeux**

"KONE's ReVolution sounds like a great idea for a facility that must retrofit existing elevators without significant disruption."
Andreas Hausler

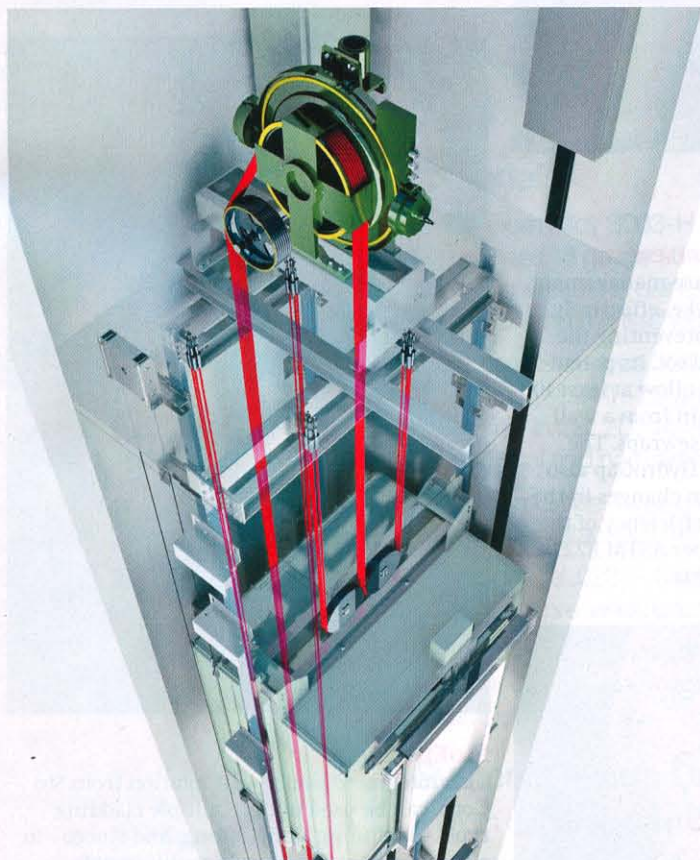


TOP PICK



Geared-to-Gearless Modernization Solution

The top pick in the Conveying Systems category, ThyssenKrupp Elevator Americas' geared-to-gearless modernization solution allows existing geared elevators to be upgraded with cutting-edge gearless elevator technology. ThyssenKrupp's modernization experts customize plans that include removal of existing geared machines, controllers, and motor generators. Facilities are then modernized with the latest technology in micro-processor controls with advanced dispatching, an efficient AC drive system, and compact gearless machines. thyssenkruppelevator.com CIRCLE 254



KONE ReVolution

KONE's geared-to-gearless elevator-modernization system also scored high with the jury. The company's gearless machine technology and innovative 2:1 roping configuration provide the benefits of gearless technology with minimal or no disruption to the existing building structure. This is done by placing the slim-line deflector sheaves within the car-top cross-head and counterweight to divide the hoist cable deflection into four separate hitch points in the overhead. kone.us CIRCLE 256



PowerMax Photovoltaic Modules

CertainTeed's PowerMax photovoltaic modules feature rack-mounted, copper-indium-selenide (CIS) thin-film technology with one of the best cost-to-power ratios in the industry. The panels are manufactured by CertainTeed's sister company Avancis, a pioneer in CIS technology since 1998. The black panels are durable, simple to install, and suitable for use on all types of roofing, curtain walls, and canopies. They offer the highest electricity-conversion efficiency for thin-film solar modules in the world, says the manufacturer. certainteed.com CIRCLE 255



Glass Stair Treads

Cast in one solid piece in thicknesses ranging from 1.5" to 6", the steps from ThinkGlass do not have the visible lines common in laminated glass stair treads. An antiskid laminate film gives the stair a safe, slip-resistant surface. A variety of organic textures, colors, and edge treatments is available, and stairs may be curved, straight, or spiral. LED lighting can also be embedded within the steps (shown). thinkglass.com CIRCLE 257