

Press Release

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Vancouver's LIDO Residential Tower Designed to Break Thermal Bridges with Isokorb®

Schöck's thermal insulation element adds energy efficiency and comfort

Toronto, BC and New York, NY (May 1st, 2013) — Schöck, the international developer of innovative construction products for thermal insulation, impact sound insulation and reinforcement technology, announced today that Vancouver-based Bosa Properties has incorporated Schöck Isokorb® thermal break solutions into the structural design of LIDO, its newest luxury development.

The 21-story residential tower in Vancouver's False Creek neighborhood broke ground in May 2012 and is expected to be completed in the summer of 2014. Isokorb, a load-bearing thermal insulation element that connects cantilevered components--balconies, porches or canopies—will connect LIDO's 34 balconies to the building's structure.

"Since it was introduced to the North American market last year, Isokorb is growing in popularity, now incorporated in over 24 residential and commercial structures in the U.S. and Canada," says Alexander Krenczik, CEO of Schöck USA Inc.

When balconies are attached to a structure, they naturally create a thermal bridge, a potential weakness in the structure allowing heat and/or cold loss at a much higher rate than through insulated areas like windows or walls. Isokorb minimizes these bridges by forming a thermal break between the balcony and the interior floor while transferring load and maintaining full structural integrity. Isokorb improves comfort, keeping heat near balcony entrances inside, to prevent cold floors.

"Compared to non-insulated concrete connections, the Schöck Isokorb® element can reduce heat and cold losses by 90 percent for standard load-bearing scenarios," said Matt Capone, Sales Manager of Schöck USA Inc. The benefits of Isokorb® also meet key objectives of LEED™ certification, which should help the LIDO project reach its target of LEED™ GOLD, he added.

Developers know that it is imperative to reduce the risk of structural damage from balcony expansion and contraction during summer heat and winter cold, and from moisture condensation at the thermal bridges. Isokorb also mitigates damage from heat and cold by acting like a control joint and allowing horizontal expansion. And using Isokorb® prevents any condensation at the balcony connection- eliminating condensation at the toppings (e.g. hardwood floor).

To find out more about the Isokorb® product line, visit: www.schock-us.com or call +1 855-572-4625.

Blog: www.schock-blog.com/

Twitter: @SchockUSA

Facebook: www.facebook.com/SchockUsaInc

approx. 2,600 characters (with spaces)

Project Team

Developer: Bosa Properties

Architect: Neale Staniszkis Doll Adams Architects and Richard Henry

Structural Engineer: Glotman Simpson

Products: Schöck Isokorb®

Images

[construction site.jpg]



The LIDO project by Bosa Properties, who is known for their legendary attention to detail, is setting a new benchmark in sustainable luxury. Construction has begun at LIDO, located at Quebec Street and 1st Avenue in False Creek, Vancouver.

Photo courtesy of: Bosa Properties

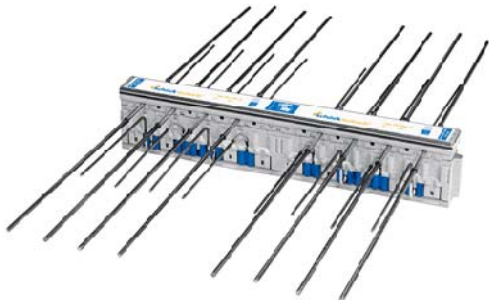
[Lido residential tower.jpg]



LIDO residential tower rendering – Schöck is honoured to announce plans to include Isokorb® thermal break solutions in LIDO, a 21-level residential tower in False Creek, Vancouver, Canada.

Photo courtesy of: Bosa Properties

[Schöck Isokorb type CM.jpg]



Schöck Isokorb® type CM – for concrete- to-concrete connections. The benefits of Isokorb® meet key objectives of LEED™ certification, helping the LIDO project in their target of LEED™ GOLD.

Photo courtesy of: Schock USA Inc.

[comparison.jpg]



Without Isokorb®

With Isokorb®

Comparison of balcony slab without Isokorb thermal insulation. Visibly improved insulation performance through connection with Schöck Isokorb®.

Photo courtesy of: Schock USA Inc.

Schock USA Inc.

The Leading Thermal Break Supplier.

Schöck develops and produces innovative components, solving thermal bridges and impact noise in buildings. For almost thirty years, the Schöck Isokorb® product range has led the market in providing exceptionally high performance thermal break and reinforcement solutions for houses, industrial and commercial buildings with balcony, canopy, and beam connections. Schöck Isokorb® type CM and S provide solutions to prevent thermal bridging and allow design freedom for concrete-to-concrete and steel-to-steel cantilever connections.

Headquartered in southern Germany, the Schöck group of companies had over 36 million linear feet installed at projects throughout the world. Schöck provides high-quality, easy-to-install products with the highest level of technical back-up and comprehensive customer service to the construction industry - for simply better building.

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