Our powerful portfolio of brands:
CADDY  ERICO  HOFFMAN  RAYCHEM  SCHROFF  TRACER

nVent LENTON Interlok
The Splicing Solution for the Precast Concrete Construction Industry

Applications
- Column to Column
- Column to Foundations
- Shear Walls to Foundations
- Shear Wall to Shear Wall
- Panel to Panel
- Walls to Floor Slab
- Architectural Panels

Projects
- I-95 Fuller Warren Bridge;
  Jacksonville, Florida – USA
- Pacific Place Office Complex;
  San Francisco, California – USA
- Houston International Airport
  Terminal, Texas – USA
- Olympic Stadium;
  Athens, Greece – USA
- Topshelf Centre Parking Garage;
  Atlantic City, New Jersey – USA
- Corazon Park;
  San Juan, Puerto Rico
- Arena Central;
  Birmingham – UK
- Salamanca Street;
  London – UK
- Office Development;
  Dartford, Kent – UK
- Sydney Stadium;
  Sydney – Australia
- Maisa & Ntho Bathery;
  Mazeikiai – Lithuania
- Terminal 5;
  Heathrow, UK
- One Hyde Park Apartments;
  London – UK
- Athlete’s Village London
  2012 Olympics;
  Stratford City, London – UK
- Highbury Square;
  London – UK

Grout filled connection designed for enhanced capacity in precast construction

Grout filled connection designed for moment capacity in precast construction

CONNECT AND PROTECT

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nVent.com/LENTON
The need for all your rebar splicing projects.

nVent LENTON offers you the expertise you need as your rebar splicing specialist.

As your rebar splicing specialist, nVent LENTON will

• reduce crane time, improve the tensile strength and, most importantly, reduce the risk of concrete spalling.
• are quicker to install and inspect, eliminating costly and time-consuming patch work.
• hold up to compressive loads of the concrete.
• help to overcome rebar misalignment problems in joining of precast concrete members.
• offers a higher strength connection between the precast elements than traditional joining methods.
• eliminates costly and time-consuming patch work.
• no closure pours required between adjacent members.
• tensile loads are transferred through the rebar, and are not dependent on the compressive strength of the concrete.
• optimizes production time and is convenient and flexible to use.

The entire nVent LENTON line of products is designed to give you the best of both worlds.

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Benefits of Interlok:

• helps ensure structural integrity between the precast sections.
• provides load path continuity of the reinforcement, acting as one continuous bar.
• designed for all high yield deformed rebar sizes from #5 to #18 (16 mm to 57 mm).
• eliminates field welding damage to concrete.
• helps to overcome rebar misalignment problems in joining of precast concrete members.

nVent LENTON has been a pioneer in mechanical splicing for more than a century. We changed rebar splicing, the concrete construction industry for decades. We changed rebar splicing, the concrete construction industry for decades. We changed rebar splicing, the concrete construction industry for decades.

Construction in precast concrete is gaining popularity worldwide. Structures that were previously considered as cast-in-situ or poured into the sleeves at the jobsite. For well over a century, nVent LENTON has been a leader in mechanical splicing technology.

nVent outlining correct installation, grout mixing procedures, and formwork mounting procedures. Interlok is a positive lock that seals the coupler. This threaded sleeve keeps the bar in axial alignment and, as no closure pour is required, undeniably efficient. How to Install

The Interlok couplers are fastened to the rebar and located into the sleeves at the jobsite. The system is designed to meet or exceed the ACI, BS 8110, BS EN1992-1-1, BRL 504, and Hong Kong GS, in addition to other worldwide codes.

nVent LENTON Interlok grout (HY10L), can be pumped into the sleeves at the jobsite. The sleeve ports on the sleeve accept commonly available rigid PVC or flexible plastic tubes.

The splice is completed on site by inserting the exposed dowel of the adjoining bar into the coupler system and applying HY10L high strength grout. Form-mounting fixtures are available for this purpose. The system aids the alignment of the coupler onto the rebar, via a positive lock that seals the coupler.

Mechanical reinforcing steel splices shall meet building code requirements of either the American Concrete Institute, or the American Iron and Steel Institute, as applicable. Mechanical or pseudo-mechanical splices shall be Interlok, manufactured by nVent LENTON.

How to Specify

nVent LENTON offers you the expertise you need for all your rebar splicing projects.