

Taper-Lock® Form Saver Wins Bid and Saves Money for Supplier

SUMMARY

A rebar supplier bidding to provide the steel package for a large-scale expansion project turns to Dayton Superior for value-engineering services and product solutions to lower costs and improve production capabilities that ultimately resulted in a successful bid package and a cost savings of more than \$41,000.

CUSTOMER

HarMac Rebar & Steel Corporation, a division of A.H. Harris & Sons, Inc.

PROJECT

Liberty Mutual Group office tower in Boston, MA

Construction Category: Office Building

CHALLENGE

HarMac Rebar & Steel Corporation, a division of A.H. Harris & Sons, Inc. was eager to bid out the steel package for Liberty Mutual Group's expansion project, consisting of a \$300 million, 22-story tower in Boston's Back Bay. However, with an 18-month production backlog, if HarMac included fabrication of every piece required for the project, the company would have struggled to meet the delivery schedule and been unable to produce a competitive bid.

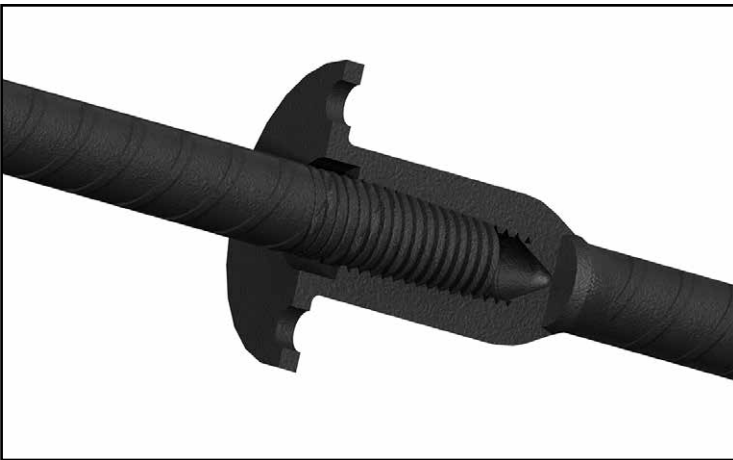
SOLUTION

HarMac approached Dayton Superior to provide a product solution that would reduce their costs without compromising value and allow them to make a stronger, competitive bid for the project. Dayton Superior's solution was the Taper-Lock Form Saver, a taper threaded, mechanical splicing product that includes an integral nailing flange attachment to formwork during segmental concrete pours.

The Taper-Lock Form Saver performs in tension and



The new Liberty Mutual office tower will have 390,00 square feet of space. (Illustration: Jeff Stikeman for CBT Architects)



Taper Lock Form Saver allowed the rebar supplier to provide an attractive bid, which also saved money and boosted productivity

SUCCESS STORY



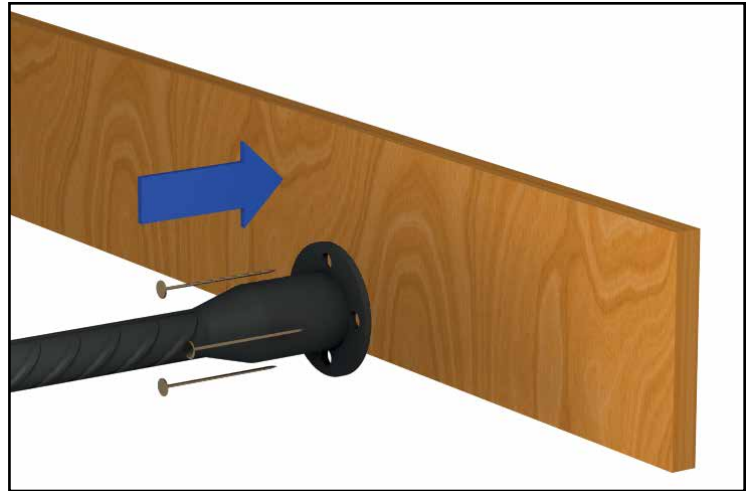
compression in excess of a Type 2 (160% specified yield) splice. The use of the nailing flange to attach the system eliminates repair costs associated with holes cut in the forms for rebar. In addition, the Taper-Lock Form Saver does not require a special/custom torque wrench for installation.

RESULTS

- By using the Taper-Lock Form Saver, HarMac saved nearly a month in labor resources at a value of approximately \$41,000 – a savings that ultimately contributed to a successful bid package
- By utilizing Dayton Superior's strength in splicing products HarMac was able to focus on their core competency of rebar fabrication
- HarMac reduced their production backlog and was able to meet the required delivery schedule.
- Because the Taper-Lock Form Saver is hand-tightened, the project's contractor experienced a 23% faster installation over the competition
- The integrated nailing flange provided the contractor with a cost savings of \$100 per form in rental repair fees by not having through holes for rebar in their forms

RESOURCES

Learn more about the Dayton Superior Taper-Lock Form Saver at: www.daytonsuperior.com.



The Taper-Lock Form Saver integrated nailing flange allows attachment to formwork, eliminating rebar through holes and their associated form repair costs.

DAYTON SUPERIOR TAPER-LOCK FORM SAVER PRODUCT SPECIFICATIONS

- Forged from ASTM A615 or ASTM A706 deformed rebar material
- Available in rebar sizes #4 (13mm) through #11 (36mm)
- Performs in tension and compression in excess of Type 2 (160% specified yield)
- Available in plain rebar or epoxy-coated
- May contribute to LEED credits
- Made In America

RELATED PRODUCTS FROM DAYTON SUPERIOR

- D370 Taper-Lock® Threaded Bar
- D081 Taper-Lock® Male Thread Protector
- D382 Taper-Lock® Female Thread Protector



Perform
with
Precision™

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