

**Did you know that the fire wrap you are specifying for ventilation duct has a maximum UL listing of 1 hour per the Florida Building Code?**

Early this year, the Declaratory Statement DS 2016-078 was issued by the Florida Building Commission clarifying the requirements for nonsymmetrical fire wrap for ventilation duct. We are sending you this “Did you Know” to make you are aware of this Declaratory Statement as it will affect your future selection and specification of fire wrap duct.

DS 2016-078 clarifies the **Florida Building Code (FBC), 5<sup>th</sup> Edition** (2014) Buildings section 703.2.1 which states:


**703.2.1 Nonsymmetrical wall construction.**

Interior walls and partitions of nonsymmetrical construction shall be tested with both faces exposed to the furnace, and the assigned *fire-resistance rating* **shall be the shortest duration obtained from the two tests conducted in compliance with ASTM E 119 or UL 263**. When evidence is furnished to show that the wall was tested with the least fire-resistant side exposed to the furnace, subject to acceptance of the *building official*, the wall need not be subjected to tests from the opposite side (see Section 705.5 for *exterior walls*).

Fire wrap provided for nonsymmetrical ventilation duct must be rated at the **lower duration** between the exterior and interior duct surfaces. In many cases, fire wrap manufacturers only test the **exterior of the duct**. The actual rating of the fire wrap is the lower rating of the **interior duct**, which is 1 hour or less, and **does not meet the requirements of the FBC**.

**The solution is Conquest *FlameBar***

**FlameBar** is a fire-rated duct system which utilizes pre-fabricated ductwork with a fire resistant coating in lieu of typical fire wrap. This coating has many advantages compared to typical installations of fire-rated duct and is UL listed for up to 4 hours.

Applications for FlameBar	Benefits of FlameBar
<ul style="list-style-type: none"> <li>Stairwell/Elevator Shaft Pressurization</li> <li>Fan Enclosures</li> <li>Smoke Control Systems</li> <li>Utility Stack Vaults</li> <li>Laboratory exhaust</li> <li>Shaft off-sets</li> <li>Shaft replacement (ventilation risers 4 or more stories in height)</li> </ul>	<ul style="list-style-type: none"> <li>Fully Code Compliant</li> <li>Space Savings</li> <li>Design Flexibility</li> <li>Labor Savings</li> <li>Less Coordination</li> <li>Fewer Inspections</li> <li>Installed cost savings</li> <li>Easy to maintain and modify</li> </ul> <div style="text-align: right; margin-top: 10px;">  </div>

See a video detailing the FlameBar advantage at: [www.conquest-firespray.com/media](http://www.conquest-firespray.com/media).

Contact your Stan Weaver & Co Engineer for more information.

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