

**For Immediate Release**

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**Follansbee's TCS II® and TCS Satin™ Beat 20,000 Hours of Salt Spray Testing**

**FOLLANSBEE, WV...**Follansbee's TCS II and TCS Satin have surpassed an amazing 20,000 hours of salt spray testing.

“The superior corrosion resistance of a Follansbee roof, even in the harshest coastal environments, creates what is truly a lifetime roofing option,” explains Edward Thomas, Follansbee vice president and general manager. “Follansbee roofing products previously surpassed 17,750 hours of salt spray testing. We have continued testing and after 20,000 hours and there was still no red rust. Testing is normally stopped after 2,000 hours on most competitors' products. Clearly, this is an extraordinary achievement, providing solid proof that a Follansbee roof is arguably a permanent solution for commercial and residential roof in coastal settings as is available today.”

The unpainted TCS II and TCS Satin panels were corrosion tested in a salt spray cabinet per ASTM B117 and also in a condensation chamber per ASTM D4585.

In addition to the high performance in corrosion resistance, TCS II and TCS Satin also showed no uplift blistering or loss of adhesion after 20,000 hours of salt spray testing.

“Our patented ZT® zinc/tin alloy is the key to the durability and longevity of our roofs,” Thomas continues. “We've employed years of independent testing to develop an alloy that could protect our roofs in any environment. Follansbee roofs are trusted for some of the most treasured and historic buildings in this country.”

Well-known restoration projects that feature Follansbee roofs include the Bureau of Engraving and Printing, Thomas Jefferson's mansion, Monticello, Fort Steuben and the historic Gettysburg Railroad Station.

Matco Associates, Inc. of Pittsburgh conducted the testing. Matco is one of the leading independent consulting, engineering and testing firms specializing in the fields of failure analysis, corrosion, metallurgical engineering, cathodic protection systems, materials selection and coatings.

Dr. Mehrooz Zamanzadeh, FASM, FNACE, the principal scientist at Matco who developed TCS II as a replacement for the lead coating used on roofing panels, stated that TCS has “far exceeded” his original expectations.

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**Follansbee/Salt Spray Testing – Plus One – Contact: Lauren Ban 412-571-1600**

“The TCS panels performed remarkably well given the amount of time involved and the harsh exposure conditions,” continues Dr. Zamanzadeh. “This attractive and protective patina provides many years of service in harsh environments.”

Follansbee’s TCS II, an architectural stainless steel, is coated with Follansbee's patented ZT (zinc/tin) alloy. The ZT alloy coating on TCS II is reactive to oxygen in the atmosphere, forming an attractive gray surface patina. TCS II provides enhanced corrosion resistance, formability, solderability and durability.

TCS Satin is an architectural stainless steel substrate plated with Follansbee’s ZT alloy and now micro-embossed with a pattern resembling the soft satin patina of pure zinc plate. Similar to TCS II, TCS Satin also offers the same enhanced corrosion resistance and durability, but unlike TCS II, it does not need to weather to achieve the gray patina, as the micro-embossing process immediately provides the eventual weathered appearance of TCS II.

Follansbee offers a wide range of metal roofing products for commercial and residential construction including Terne II®, KlassicKolors®, TCS II® and TCS Satin™. Founded in the early 1800s, the Follansbee, WV, company has been manufacturing in its current location for more than 100 years. Modern alloys developed and patented by Follansbee have taken the original tin roof to new heights of performance and longevity. For more information call 1-800-624-6906 or visit [HYPERLINK "http://www.follansbeeroofing.com"](http://www.follansbeeroofing.com)

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