

November 23, 2009

**NEW PHENOLIC INSULATION PRODUCT OFFERING  
FROM ITW INSULATION SYSTEMS**

To the valued engineers and specifiers designing systems using ITW Insulation Systems products;

ITW Insulation Systems is pleased to announce the addition of Trymer\* Green Phenolic Insulation to our growing lineup of products for use in mechanical insulation systems.

Through an exclusive arrangement, beginning on January 4, 2010, ITW Insulation Systems is now the sole supplier of Resolco Phenolic Insulation to fabricators/distributors across N. America. ITW Insulation Systems will also be your source for all sales, marketing, and technical support for this product. We are confident that combining the proven performance of this product with the service, support, technical expertise, and broad product line of ITW Insulation systems will be a benefit to the systems you design.

Trymer Green Phenolic Insulation offers the lowest thermal conductivity of any standard material and combines this with excellent flammability performance, closed-cell, and good water and water vapor resistance. These properties make Trymer Green Phenolic Insulation the ideal material for use as pipe insulation on chilled water lines operating in the air plenums of commercial buildings where flammability is the greatest concern but energy efficiency is still important and governed by codes.

At any thickness that might be needed, the flammability performance of Trymer Green Phenolic Insulation meets the strict ASTM E84 25/50 flame spread/smoke developed requirement common in many building codes for pipe insulation located inside of plenums. Its unparalleled thermal conductivity allows Trymer Green Phenolic Insulation to be used at lower thicknesses than other insulation materials while still meeting and usually exceeding the energy efficiency requirements.

In conjunction with our introduction on January 4, 2010 of Trymer Green Phenolic Insulation as our recommended insulation material for applications requiring a 25/50 flame/smoke performance, we will no longer sell or support new batches of Trymer 2000XP for use in applications requiring this performance as of that date. Rest assured that Trymer PIR still meets all the requirements including flammability performance for use in the non-plenum portions of a commercial building. This includes all machine rooms, pipe chases, and vertical risers that are not serving as plenums. We anticipate that 50-80% of existing Trymer 2000XP use in commercial buildings will be unaffected by this change. In addition, use of Trymer 2000XP in applications other than commercial building chilled water is expected to be unaffected. This includes all industrial applications, ammonia refrigeration, cryogenic, underground, rooftop, and general refrigeration applications.

For commercial building chilled water pipe insulation systems, the combination of Trymer Green Phenolic Insulation in the plenums and Trymer PIR everywhere else provides a "One-Two punch" that will exceed all energy efficiency and fire safety requirements with an insulation system that is cost effective and resists water and water vapor. Applying Saran CX Vapor Retarder Film and Tape to both

\*Trademark of ITW Insulation Systems

# **ITW Insulation Systems**

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## **PABCO - CHILDERS METALS**

the Trymer Green phenolic Insulation and the Trymer PIR insulation makes an already unbeatable system even better by improving the water vapor resistance without the presence of an ASJ product that is based on thin aluminum foil with a paper backing.

This product change can benefit us all and specifiers like you are critical to the success of this change. Your understanding of this change and the options it provides you is important to us. We know that you will have some questions about this exciting change. Our customer service, sales, and technical staff would be happy to address any questions you have. In addition, the attached FAQ should help answer your specific questions.

### **Additional Information**

ITW Insulation Systems is committing the full force of its sales and technical staff to making this transition from Trymer PIR to Trymer Green phenolic for use in commercial building 25/50 applications a success. This will include new literature, specifier notification, and technical support.

You may be wondering what role Resolco will play now that ITW Insulation Systems is the sole source for Trymer Green Phenolic Insulation. Resolco is manufacturing this product at their new Houston plant, ensuring the excellent performance and quality control, and will have commercial personnel helping drive demand through spec-calling. However, all sales, customer service, and technical support will now come from ITW Insulation Systems.

Attached you will find the following documents:

- A general tech data sheet on Trymer Green Phenolic Insulation
- An FAQ related to this new phenolic product line
- An MSDS for Trymer Green Phenolic Insulation

If you have any questions, please visit our website at [www.itwinsulation.com](http://www.itwinsulation.com) or contact ITW Insulation Systems at: (800)231-1024 or (713)691-7002