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### Our Product List



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### F.M. Insulation Supplies

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## FM Insulation News

March 2013

Greetings!

We are now well into 2013 and I have been advised by "those who keep track of this" that our first newsletter of the year is due. So here we are!

### Let's Get Going

2013 has been very slow in kicking off. January & February were very slow and so far March is not showing any signs of being any better. Everyone we speak with reports the same conditions that we are finding. It appears that while business is quiet at the moment, it will get busier, and back to more acceptable levels as the year progresses. Let's get going.

### Application Note



In our [December newsletter](#) we included this photograph of a length of insulation fixed to a chain link fence. It was fixed to the fence in September and has now been there for 6 months. It is of course a length of our Therm-o-lag chemically cross linked polyethylene spi, sealed along 50% of it's joint with PPC 493 tape x 50mm wide. The remaining joint is sealed with Venture 1529 HD x 50mm tape.

The reason we placed the insulation on the

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fence was to determine, by actual exposure, the suitability of the material for external installation, without the use of metal cladding or other protective cover. In the six months that the product has been in-situ, Emu Plains has experienced torrential rainfall & temperatures up to 45C. I believe that this period included both the wettest & hottest days on modern record. To date, the material is showing no signs of deterioration and both tapes remain in place and exhibit no signs of delaminating.

What does this prove, and has it changed our attitude towards the external installation of the product without cladding?

We already knew that the Therm-o-lag foil faced polyethylene material complied with ISO 4892-3 : 2007 ( UV resistance) from tests carried out by the Korean manufacturer, and we did have concerns about the tapes remaining in place at elevated temperatures. Whilst the material remains in "an as installed condition" it is our considered opinion that for long term integrity of the insulation system the following guidelines should be observed:

1. Where the insulation is used on pipe systems that are located under covered walkways it should be OK to install the material without additional cladding. The foil tape **MUST** be installed in accordance with the tape manufacturers written instructions.
2. Where the insulation is to be installed on piping systems that are fully exposed to the climatic elements the insulation should be clad with lightweight cladding (aluminium, stainless steel or zincalume) or with a laminate system such as Ventureclad.

Obviously when the product is installed internally in buildings no additional cladding is required except in those areas where mechanical damage can occur.

## Product News

### **Therm-o-lag chemically cross linked polyethylene with fire resistive foil facing (f/f PE)**



As many of you are aware we hold in stock substantial quantities of both pipe & sheet f/f PE insulation. Pipe insulation stock covers all sizes from 12.7mm odp to 219.1mm odp. Most sizes are available in 25mm, 38mm & 50mm wall thickness. Smaller copper sizes, 12.7, 15.9, 19.1mm, 25.4mm & 31.8mm odp are also held in 15mm thickness. In sheet/rolls

we stock 10mm, 15mm 20mm & 25mm thick product in 1M rolls x various widths. We also have 15mm thick sheet with a self adhesive backing. In relation to pipe insulation we advise that larger diameter & thicker walls are available against special order.

## TICA 2013 conference



Planning for TICA 2013 is progressing at great speed with Erich Anderson (of CMG) and Janette Ankers (of our company) working together on booking venues, guest speakers & the conference dinner venue.

Details have been, or will shortly be circulated to TICA members in NSW, Qld, Vic, & WA. All of us here at FMIS look forward to catching up with you in October in Canberra. As many will be

aware, 2013 is the Centenary of Canberra and many special events are planned throughout the year. Check them out at [www.canberra100.com.au](http://www.canberra100.com.au)

One of the highlights of the TICA 2013 conference will be the conference dinner which will be held in The Old Parliament House on Saturday 26th October

## Field Notes

A Sydney based insulation contractor recently asked whether "our larger sections (139.7mm odp & 168.3mm odp) fully close at the seam". It seems that he had purchased these sizes from another company and when installed the seam met at the bottom but the outer surface did not, leaving a rather large Vee where no Vee should be. We assured the contractor that this had never happened with our material. We then sent him a sample and a few days later received an order for a reasonable quantity of product.

## Specials

With the imminent closure of the Caltex refinery at Kurnell we find ourselves with quite a bit of calcium silicate pipe & slab insulation & also some perlite pipe insulation. We are now offering our current stocks of these materials at substantial discounts against previous prices. If you have any interest in these materials, or any of our products please do not hesitate to contact Karl, Brendan or Mike.

We still have available FMIS 8M tape measures (measuring up to your demanding standards), and some rather nice pens. If you require any of these items please let either Karl, Brendan, or Mike know.

That is it for March, lets all hope things pick up quickly & that activity levels increase.

Mike Flavell  
F.M. Insulation Supplies