

New technology can save energy in the process industry – Svenska Aerogel and Worlée to present their collaboration WorléeShield

On Thursday, October 27 at 2:00 PM (CEST), German chemical company Worlée will be hosting a webinar together with Svenska Aerogel. During the webinar, the two companies will present their collaboration WorléeShield. WorléeShield is a sprayable thermal insulating coating which can – due to its low thermal conductivity – save energy and costs. In addition, the technology can protect personnel against contact burns and thus contribute to increased safety at workplaces in the process industry.

The thermal insulating coating WorléeShield is based on a combination of Svenska Aerogel's hydrophobic Quartzene® material and Worlées binders and additives. Worlée has created a guide formulation that describes how the new technology can be put together. WorléeShield offers easy application by spraying, rolling or by knife. The efficacy of the coating increases with the number of layers applied, but even a thin layer provides a good insulating effect.

WorléeShield as thermal insulation has several advantages. For example, the coating can provide personnel protection against hot or cold surfaces and thus prevent contact burns in workplaces. Due to the possibility of a high dry film thickness per layer, 1–2 layers applied is normally enough to create a touch-proof surface.

The new technology is ideal for coating pipes, valves, and tanks, and it can offer good fire protection. By decreasing heat losses, the coating saves energy and this way also reduces energy costs. The process industry is the main segment for the technology, but it can also be used in other applications where a thin insulation is needed.

During the upcoming webinar, Worlée and Svenska Aerogel will give a more in-depth presentation of WorléeShield. Svenska Aerogel will be represented by Chy-Ming Tang, Sales Manager in the DACH region. This is what Chy-Ming says about the benefits of the new technology:

– WorléeShield reduces energy requirement and increases safety. Moreover, when WorléeShield is applied on a steel substrate, corrosion under insulation (CUI) is minimized, and the integrity of the steel structure is maintained.

The webinar called “How the WorléeShield technology can save energy costs by reducing heat transfer” will take place on Thursday, October 27 between 2:00 PM – 3:00 PM (CEST). Registration is required to attend the webinar. Click [here](#) to register.

For further information, please contact:

Tor Einar Norbakk, CEO. Telephone: +46 (0)70 616 08 67. E-mail: toreinar.norbakk@aerogel.se

About Svenska Aerogel Holding AB (publ)

Svenska Aerogel manufactures and commercializes the nanoporous material Quartzene®. Svenska Aerogel's business concept is to meet the market's need for new materials that are in line with global sustainability objectives. Quartzene® is flexible and can be tailored to different applications to add essential properties to an end product. The company's vision is to be the most valued business partner providing pioneering material solutions for a sustainable world.

Svenska Aerogel Holding AB is listed on Nasdaq First North Growth Market. Certified Adviser is FNCA, info@fnca.se, +46 8-528 003 99.

Gävle, 19 October 2022