



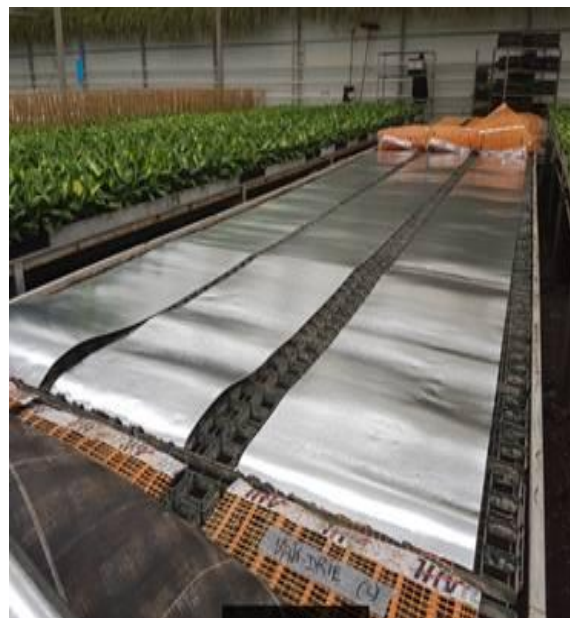
Arnhem - Netherlands, 12<sup>th</sup> May 2017

## **Dutch Amorphous Innovation in Action Keeping Ferraris, Plants, Humans & Stairs Warm!**



### **1. ROELOFSARENDSVEEN**

Together with the well-known Wageningen University on Agriculture, supported by the Dutch Agricultural Branch Organization, AHT-Netherlands has conducted tests in a greenhouse using the AHT infra red heating ribbons. The tests were done at a greenhouse in the Haarlemmermeer polder, the heart of agricultural sector in Holland near the world famous flower auction. As an alternative for the traditional heating system (hot water pipes heated by burning fossil gas) AHT heating mats were placed on growing tables directly under the plants, creating a fully controlled heating comfort for the plants. The energy use was measured as well as the performance of the plants. First results show a happy farmer because of at least 30 % energy savings. Further tests will be done, expecting to lower the use of energy even more.





## 2. NIJMEGEN

A big producer of mushrooms, delivering to several European countries, recently built a huge new production hall and head office. It appeared that the graceful staircases for both the staff entrance as well as the management entrance became slippery during winter conditions. AHT Netherlands solved the problems by installing the amorphous metal ribbon technology directly under the concrete stairs.







### **3. HAARLEM**

During the past few years a new trend of refurbishing old industrial buildings has taken hold throughout the Netherlands. One recent example is the transformation of an old bakery factory in the heart of Haarlem into a modern office complex made up of individual container units for start-ups. As it was impossible to provide central heating for the whole building the AHT Amorphous Ribbon heating mats were chosen to heat each individual container-office individually. This has proved to be a great success with the office occupants as they can enjoy fast and efficient heating only when they are actually in their offices, not to mention the very low heating costs they have to pay!



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#### **4. ZOETERMEER**

Brian's Custom Audio is a well known speciality audio company providing and installing the best audio systems to luxury sports cars. To carry out these special custom-made solutions the company operates from a hi-tech workshop in Zoetermeer which in the winter gets very cold. So in order to keep its mechanics happy and relaxed during their work, Brian's requested from AHT Netherlands a mobile heating solution which can be just laid down next to the car where the mechanics are working. The answer came in the form of AHT heating mats fully embedded in a special water proof rubber material with a size of 5m X 1m connected to a single plug. So now Brian's mechanics are making perfect audio installations to Ferrari's and Porche's in a cosy and warm environment thanks to the AHT Netherlands Innovation!





