

## Tyneside Temporary Chill Store

Cooling specialist, Cool Energy has completed the installation of a 40m x 20m temporary chill store, which is temperature controlled to +4°C by the company's rental equipment.

### Food Ingredient Storage

The Tyne & Wear-based food specialist required storage and additional room for increased orders for their new range of products. With no likelihood of capital approval for at least 6 months, they decided to invest in a fully insulated temporary chill store.

Cool Energy project manager for the site, Russ Baker explained, "Our customer wanted additional space for 6 months to manage the success of their new brand but did not expect the uptake to be so immediate. We had previously supplied chill store structures in Corby, Sheffield, Leicestershire and Edinburgh and quickly agreed on a 40m x 20m structure with a 6m wall to the eaves".



The Installed Chill Store

The store (pictured above) was constructed within a 2 week lead-time to meet the customers' own timetable and sited in the company's rear storage area to provide a suitable foundation for the temporary structure and suitable drainage for the guttering supplied with the store.

### On Site Security

Russ Baker explained some of the practical issues experienced on the project "Access and security were major concerns for our customer when deciding on what type of building to supply. We provided a twin rapid action door system for goods in and out which helped their forklift operation - our doors operate at 1m/sec timing.



The Cooling System

In addition to this, the customer wanted a fixed structure with solid panelled walls and not an inflatable building. They also wanted it secure and able to offer a food-safe environment with walls easy to wash down during their daily cleansing routing," confirmed Baker.

## The Complete Package

The refrigeration package provided by Cool Energy to chill the store was a multi-compressor system operation supplying internally sited cooling coils. The system also provided an audible and visual temperature alarm system linked to the customers control room in the factory. A separate SMS messaging system was also supplied directly to Cool Energy's 24-hour mobile service support team relaying any alarms off site.

Russ Baker concluded, "We are really happy with this store because our customer has been able to maintain their production and growth. We have offered them a low-cost rental option for this building, which they can budget for because our prices won't change for the whole rental period. By which time, they will know if their new brand requires the same storage or if it can be located in their existing factory space."

## Nationwide Support

Cool Energy operate throughout Ireland and Europe, rent air and water-cooled chillers, air blast coolers, air handling units, fan coils and air conditioners.

They install their equipment and supply flexible water hoses, pipework connections, heat exchangers, power cable and generators.

Cool Energy rentals also include 24/7 maintenance throughout the project period.

Cool Energy can be contacted on 0800 840 4210 or via email on [info@coolenergy.co.uk](mailto:info@coolenergy.co.uk)

