

## Project Profile - Hygiene Sensitive Environments



### PROJECT

Food and drink production plants across Sweden

### SUMMARY

Hygienic protection of 8,000m<sup>2</sup> of production and storage areas

### PRODUCTS

**Biodex HB**

### CLIENT

Several including Kopparberg, Dalkia and Procordia Foods

### CONTRACTOR

Esgard Inc AB

### BACKGROUND ►

There are numerous large food production plants, breweries and soft drinks manufacturers throughout Sweden that have required hygienic protection of internal walls and ceilings in production and storage areas.

These have generally comprised renovation projects and in all instances, the number one priority was ensuring that food and drink products were not tainted during refurbishment, so the use of a low hazard, water-based product was critical. It was also important that the chosen product provided a seamless, hygienic, easy clean finish. Kopparberg Breweries AB, Sweden's largest brewing company, and Scan, one of Northern Europe's biggest meat manufacturing companies, are just some of the organisations who have refurbished their facilities using Flexcrete hygiene coatings. Others include leading food and drink company Procordia and Ole Flensted AB, one of Sweden's largest producers of potato products.

### THE SOLUTION ►

Over recent years, **Biodex HB**, a waterborne anti-bacterial and anti-microbial coating, has become the refurbishment product of choice for Sweden's leading food and drink manufacturing companies. **Biodex HB** is a resin-rich, high build biostatic coating that benefits from the latest encapsulated protectant technology to ensure completely safe use and zero leaching into the surrounding environment. This latest generation of in-film protection allows for the ultra-slow controlled release of active ingredients into the coating film throughout its long life. Utilising the most modern chemistry, the **Biodex HB** membrane effectively prevents the growth of mould, bacteria and yeasts whilst forming a totally non-toxic film which does not taint items stored in close proximity. As **Biodex HB** is water-based, it does not release hazardous solvents or strong odour during application and minimal disruption is caused. Furthermore, the coating is highly elastomeric and vapour permeable and is able to withstand conditions of high humidity and extreme temperature changes without any form of deterioration.



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