

## Project Profile - Hygiene Sensitive Environments



### PROJECT

**Miso Factory, Niigata City, Japan**

### SUMMARY

Hygienic protection of 150m<sup>2</sup> of newly constructed walls

### PRODUCTS

**Biodex Sheen**

### CLIENT

Malta Miso Company

### BACKGROUND ►

Miso is a slow fermented soybean paste with a strong salty flavour, and forms one of the bases of Japanese cooking. It is used in sauces, with meat, fish, vegetables and tofu but above all in Miso Soup, a part of the staple diet of the Japanese and as common as rice.

When a new miso factory was being constructed in Niigata, the capital and most populous city of Niigata Prefecture, Japan, a hygienic coating was sought for application to the bottom section of the production area walls. Due to the sterile conditions in the factory, it was important that the chosen coating could offer active protection against the growth of mould, bacteria and yeasts, whilst being able to withstand conditions of high humidity and steam cleaning without deterioration.

It was also crucial that the chosen product was suitable for new build applications and for use in food production areas without any detrimental effects to the environment.

### THE SOLUTION ►

**Biodex Sheen**, a high performance, waterborne hygiene coating, was specified for this project as it actively prevents the growth of micro-organisms and limits the spread of harmful germs through an innovative combination of encapsulated in-film protectant and silver ions. Perfect for new build work, it is water-based, non-toxic and non-leaching, so is ideally suited for use in food manufacturing.

Like other **Biodex** coatings in the Flexcrete range, **Biodex Sheen** is elastomeric and vapour permeable and won't crack or flake even when subjected to condensation, steam cleaning, substrate movement or extreme temperature changes. It is rapidly and easily applied by brush, roller or airless spray and two coats can be applied in a single day, ensuring minimal downtime and disruption. **Biodex Sheen** has an attractive sheen finish and is available in a range of colours, of which white was chosen for this project.



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