



Sika flooring put to the test

The safe handling, storage and transportation of chemicals are of fundamental importance to all manufacturers.

Accordingly, Fonterra Co-operative Group Ltd selected a highly chemical-resistant Sika protective floor screed for the chemical unloading facility at their Waitoa site.

Fonterra Waitoa produces mainly milk powder products such as whole milk powder and infant formulas.

There is a wide variety of chemicals used at the site, for cleaning, sanitising, waste treatment and water treatment, including nitric, sulphuric and phosphoric acids, and caustic solutions.

All of these chemicals arrive at the site's unloading facility – a 40 tonne tanker typically arrives daily.

The chemicals are delivered in concentrated form and are distributed to the various parts of the plant, where they are diluted for use.

It is very important that the surface finish be able to protect the concrete and the environment from potential spillages, but must also drain spillages to properly designed catchment areas where the chemicals can be disposed of safely.

Sikafloor-PurCem high chemical resistant finish was installed at the tanker



New Zealand Specialised Coatings installed the coating over just two days and trucks were able to start using the reception bay the next day



The surface finish needed to protect the concrete and the environment from potential spillages, but also drain spillages to properly designed catchment areas

reception bay two years ago and continues to perform excellently.

The previous coating had badly corroded and delaminated.

“Not only did we need a coating that could resist both the chemicals involved and high traffic volume, it had to be able

to be installed and put back into service quickly,” said facilities manager at Waitoa, Carl Walton.

New Zealand Specialised Coatings installed the coating over just two days – one day to remove the existing coating and prepare the substrate and one day to

install the Sikafloor-PurCem system.

Due to its fast strength gain, the trucks were able to start using the reception bay the next day.

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Need a flooring solution that is:

- ▲ Safe for food contact
- ▲ Resistant to extreme service conditions
- ▲ High temperature resistant - steam cleanable
- ▲ High-end chemical resistant
- ▲ Slip resistant

- ▲ Impact resistant
- ▲ Impermeable
- ▲ Neutral odour and VOC-free
- ▲ Fire-resistant
- ▲ Easy to clean
- ▲ Quick curing for reduced down time



Sikafloor® PurCem® Range



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