



SIKA AT WORK

FORCHEM OY, RAUMA, FINLAND

FLOORING: Sika® Ucrete® UD 200

CHEMICAL RESISTANT UCRETE FLOORING



PROJECT DESCRIPTION

Project name: Production areas extension and refurbishment
Year: 2014
Location: Rauma, Finland
Size: 655m²

When the Forchem plant opened in 2002 it was the largest modern crude tall oil distillation plant in the world. Forchem is an innovative chemical company converting Crude Tall Oil into useful raw materials used in a wide range of industries. For example, it is used in the manufacture of coatings, lubricants, soaps, inks and adhesives among others. Crude Tall Oil is a by-product of the pulping process especially of pine trees during the manufacture of paper.

PROJECT REQUIREMENTS

The combination of aggressive chemicals, fatty acids and distillates which can attack many types of flooring materials together with high temperatures made the environment particularly challenging.

The previous epoxy resin and methyl methacrylate floors had failed miserably. They had been rapidly eroded and had de-bonded in many places. Forchem was in a constant cycle of floor repairs which cost money and hampered production.

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



SIKA SOLUTIONS

A Sika® Ucrete® UD 200 flooring solution was the obvious choice given the demands of the environment for organic acid, solvent oil and chemical resistance combined with the potential for high temperatures.

Following trials on site in the “worst case” testing ground which were tested for 6 months to prove the concept, a 12 mm Sika® Ucrete® UD 200 flooring specification was chosen to give the required chemical and temperature resistance. A light surface profile ensures safe footing even when the floor is wet.

This specification has been installed throughout in order to ensure that the floor will be in service for many years to come, even if the production process change or is reconfigured in the future.

PROJECT PARTICIPANTS

Project Owner: Forchem OY

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