



SIKA AT WORK

FLOORING SOLUTIONS IN A NEW KRAFT HEINZ PUDLISZKI PRODUCTION PLANT IN POLAND

SIKA TECHNOLOGIES: Flooring system Sikafloor® PurCem,
Surface hardening and sealing of concrete floors:
Sika® Chapdur Extra, Sikafloor® ProSeal W

BUILDING TRUST



DURABLE FLOORING SOLUTIONS IN A NEW KRAFT HEINZ PUDLISZKI PRODUCTION PLANT

A NEW PRODUCTION PLANT AND WAREHOUSE OF A WORLDWIDE COMPANY KRAFT HEINZ is located in Pudliszki near Krobia in the Greater Poland region. This newly built facility will produce sauces.

PROJECT REQUIREMENTS

The investor required durable, non-slip floors that are easy to clean, which is an extremely crucial factor in production facilities for the food industry. In the kitchen area of the facility all floors will be cleaned with hot steam. Additionally, it was necessary to make floors on fresh, 10-day concrete surface.



SIKA SOLUTIONS

Sika has already successfully done flooring systems in Kraft Heinz production facilities, therefore the investor and general contractor decided to apply Sika products one more time. Various Sika flooring systems were used depending on the function of a given area.

In the production and warehouse facilities two kinds of **Sikafloor® PurCem** flooring systems were used.

In sauce manufacturing rooms on the surface of approximately 6 600 m², polyurethane-cement floor **Sikafloor®-22 PurCem** of 6-mm thickness, yellow in colour and with quartz sand for sprinkling was applied.

Additionally, a finishing layer of **Sikafloor®-31 PurCem** also in a yellow colour was used.

Sikafloor®-22 PurCem is suitable for floors in areas exposed to average mechanical loads. In a result, aesthetic and easy to clean floor with high abrasion and chemical resistances was obtained. The additional closing coating **Sikafloor®- 31 PurCem** improved the aesthetic value of **Sikafloor®-22 PurCem** floor, allowing for a unified look of floor with a rough texture.



ANTI-SLIP FLOORS WITH HIGH ABRASION, MECHANICAL AND CHEMICAL RESISTANCE

In the kitchen area of the production plant on the surface of approximately 550 m², a polyurethane - cement floor **Sikafloor®-20 Purcem** with a thickness of 9 mm, yellow in colour and of high load, abrasion and chemical resistances was applied. With a thickness of 9 mm the floor can be cleaned with steam and the material retains its mechanical properties up to 160 ° C.

In the warehouse of the production hall and in the independent warehouse of a total surface of approximately 7 500 m², concrete floors with surface hardening **Sika® Chapdur Extra** and natural and acrylic impregnation **Sikafloor® ProSeal W** were done.

Sika® Chapdur Extra is a dry mineral mixture of cement, fillers, additives and pigments, which dusted and erased on fresh, moist concrete floor allows for a smooth, wear-resistant, non-dusting surface. Obtained concrete floor was covered with a coating of an impregnating sealant - an aqueous dispersion of acrylic emulsion **Sikafloor® ProSeal W**.

The slots were filled with a flexible polyurethane sealant **Sikaflex® PRO 3** with high mechanical resistance.





PROJECT PARTICIPANTS:

Owner: Heinz Kraft Pudliszki Sp. z o.o.

Investor: Heinz Kraft Pudliszki Sp. z o.o.

Architect: ARKON Przedsiębiorstwo Projektowo-Budowlane
Tomasz Chruszczewski

Main Contractor: SKANSKA SA

Sub-contractor: Przedsiębiorstwo Wielobranżowe TURKUS
Jacek Ułanowicz

Sika Poland engineer: Grzegorz Zajac

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