



SIKA AT WORK

OKHMATDYT HOSPITAL (KYIV, UKRAINE)

SIKA TECHNOLOGIES:

Sikaplan® underground car park and ballast roof waterproofing,

Sikafloor® car park flooring

Sika ComfortFloor® floor coatings

Sikagard® hygienic wallcoats

BUILDING TRUST



OKHMATDYT HOSPITAL



PROJECT DESCRIPTION

The history of the National Children's Specialized Hospital "OKHMATDYT" dates back to 1894, when at the expense of the prominent businessman and philanthropist Nikola Tereshchenko in Kiev was opened Kyiv free Tsesarevich Nikolai Hospital for laborers and poor people. Nowadays "OKHMATDYT" is a unique medical institution for providing emergency and highly specialized medical care to children from all regions of Ukraine. Every year, more than 18,000 children are treated in the hospital with 620 hospital beds, and about 28,000 receive emergency care at the hospital's trauma center.

REQUIREMENTS FOR PROJECT

The owner required a durable and cost-effective solution for waterproofing of underground car park and flat ballasted roofs.

The two-storied underground car park was built for convenience of visitors. The floor coating must protect concrete structure from deicing salts, withstand a heavy wear of wheels and provide good cleaning ability.

Special requirements were defined for floors and walls – coatings should allow good cleaning and prevent growth of bacteria.



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БУДУЄМО ДОВІРУ 



SIKA SOLUTIONS

The **Sikaplan® WP 1100-20HL** PVC membrane was chosen for its proven durability and cost effectiveness. It provides reliable waterproofing of the underground car park and ballasted roofs. To provide higher safety all working joints were additionally waterproofed by **SikaSwell® P** hydrophilic profiles. Flashing details were done with laminated sheet and **Sikaflex® PRO-3** PU sealant.



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Good wear resistance and cleaning of car park decks is achieved with cost effective **Sikafloor® MultiDur EB-14** epoxy coating.

For sterilization department **Sikagard® Wallcoat AL-12 Hygienic** was chosen – a wall coating system based on waterborne acrylic resin and glass fiber reinforced with excellent crack bridging properties and high impact stress resistance.

Sika Comfortfloor® was used - especially designed for indoor applications where seamless hardwearing floors are required. Sika Comfortfloor® P consists of a tough-elastic, crack bridging polyurethane base coat which fulfils as well the stringent demands for low VOC emitting products.

PROJECT PARTICIPANTS

Main contractor: RIOLA

Sika Ukraine: Konstanti Sholudko
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