

SIKA AT WORK

SIGNATURE (KYIV, UKRAINE)

SIKA TECHNOLOGIES:

Sikaplan® waterproofing

SikaMembran® high-performance vapour control system



SIGNATURE



PROJECT DESCRIPTION

High-class residential complex is positioned as a project for those who want to live in the city center and invest in a prestige and extraordinary estate. In addition to the diverse downtown infrastructure, large parking lot, boutiques, a restaurant, a spa and a fitness center, swimming pools will be available among facilities of the complex.

Project consists of three towers – one 25-storied and two 12-storied, connected by a common 5-storied part. The podium deck will serve as a pedestrian area with green loans, playground and fountains.





REQUIREMENTS FOR PROJECT

The owner required an effective and durable waterproofing solution for the foundation slab, basement walls and roofs. Tight job sight conditions and construction with diaphragm wall did not allow any mistakes so additional back-up solution was necessary.

 $Large\ panoramic\ windows\ require\ special\ solutions\ for\ better\ energy\ efficiency,\ including\ vapor\ barrier\ and\ waterproof\ seal\ to\ the\ structure.$

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SIKA SOLUTIONS

The **Sikaplan WP® 1100-15HL** PVC membrane was chosen for its proven durability and cost effectiveness. **Sika® Watrebars** were used to divide waterproofed area into compartments and seal movement and construction joints, providing redundancy of waterproofing system.

SikaSwell® profiles were used to give more safety to construction joints. **Sika® Dilatec tapes** were used to make reliable flashing details of **Sikaplan®** membrane.

The **SikaMembran®** provides a secure and durable vapor barrier and waterproof seal at junctions between walls and windows.





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PROJECT PARTICIPANTS

Main contractor: WING DEVELOPMENT

Architect: Shmidhuber

Architect: Dmytro Aranchii Architects

Designer: BIP PM

Waterproofing/roofing contractor: Giskon

Facade contractor: Akam

Sika Ukraina: Artem Zakharov, Denys Rushakov







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