



# SIKA AT WORK

## NATIONAL MUSEUM OF THE HOLODOMOR-GENOCIDE (KYIV, UKRAINE)

SIKA TECHNOLOGIES: Sikaplan® waterproofing membrane,  
SikaDur® Combiflex® SG and SikaSwell® joint sealing system,  
Sikalastic®-152 crack-bridging cementitious waterproofing

# NATIONAL MUSEUM OF THE HOLODOMOR-GENOCIDE

## PROJECT DESCRIPTION

The purpose of this project is the creation of a memorial complex dedicated to the victims of artificial famines in Ukraine (1932-1933), which consists of memorial and museum parts. The memorial part of the complex was built and put into operation in 2009.

The project provides for two stages of construction:

I stage - the reconstruction of the "Hall of Memory" building and II stage - construction of the museum; pedestrian bridge, inclined-lift unit and a parking lot; landscaping with pedestrian walkways and playgrounds with themed sculptures and compositions.

The museum is designed with a multi-level, built-in existing slope with terraced floors, with two entrance groups (from the side of the Candle of Memory and from the Dnieper descent) and all the premises necessary for proper functioning. Taking into account the location of the Museum in the "Buffer Zone of the Kiev-Pechersk Lavra" and in the protected zone, there is provided a hidden placement of the building according to the rules of modern green architecture in the folds of the landscape, applying the principles of green roofing.



## SIKA SOLUTIONS

The **Sikaplan® WP 1100-20HL** PVC membrane was chosen for its proven durability and cost effectiveness. It provides reliable waterproofing of the tunnel which will hold the inclined lift. To provide higher safety all working joints were additionally waterproofed by **SikaSwell® P** hydrophilic profiles. **Sikaplan® WP Tape-200** was used to make reliable flashing details of **Sikaplan®** membrane.

The terrace of the 1<sup>st</sup> memorial phase required refurbishment. To waterproof pedestrian area **Sikalastic®-152** was used in combination with **SikaDur® Combiflex® SG System**.

## PROJECT PARTICIPANTS

**Main contractor:** Osnova

**Architect:** Project Systems

**Inclined tunnel waterproofing contractor:** Rodnoi Gorod

**Waterproofing contractor:** Rodnoi Gorod

**Sika Ukraine:** Artem Zakharov



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