



## SIKA AT WORK

# Terrace waterproofing in private residence with Sikalastic® liquid membrane, South Albania

ROOFING: Sikalastic®-612, Sika® Reemat Premium



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# SIKALASTIC® LIQUID APPLIED MEMBRANE SYSTEM



## PROJECT DESCRIPTION

The project involved renovation and waterproofing of 140m<sup>2</sup> terrace in a private residence in Sarandë (South Albania). The existing substrate was ceramic tiles. All tiles were removed and the substrate was fully refurbished by recasting a cementitious screed.

## APPLICATION DEMANDS

The challenge of this application was multiple, as:

- The selected renovation & waterproofing system had to be applied directly onto the existing ceramic tiles.
- The substrate involved multiple details and penetrations (complex design)
- The final waterproofing layer should be resistant to UV radiation and weathering, while exhibiting high solar reflectivity

## REQUIREMENTS

The applicator required a waterproofing system with minimum preparation, specialized equipment, and easy to apply over all the complex details, while being an economic solution simultaneously. The owner demanded a long-lasting solution, with minimum maintenance demands.

## SIKA SOLUTION

Taking into account all the above parameters, the proposed and finally selected waterproofing system was the liquid applied membrane **Sikalastic®-612**, reinforced with glass fleece **Sika® Reemat Premium**. **Sikalastic®-612** is a cold applied, 1-component, polyurethane, moisture-triggered liquid membrane, which requires no mixing and is supplied ready for use. The product is extremely simple to apply, without the use of specialized equipment and provides an economic solution, especially in cases of renovation projects.

Firstly the substrate was prepared by cleaning and removing cement laitance, dust and loose particles. All construction and movement joints were also prepared (cleaned and sealed) properly.

After this process **Sikalastic®-612** was chosen in white colour to serve also as an reflective roof coating for energy efficiency and was applied over the whole surface in two layers. Between the two layers of **Sikalastic®-612** and all over the perimeter of the area and on the construction joints, the glass fleece **Sika® Reemat Premium** was applied in order to reinforce layers and crucial parts of the waterproofing system.





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