



SIKA AT WORK

Private Villa, Woodcliff Lakes, NJ

LIQUID APPLIED ROOFING & WATERPROOFING

Terrace Waterproofing over occupied space with Sikalastic® RoofPro

BUILDING TRUST



TERRACE WATERPROOFING OVER OCCUPIED SPACE WITH SIKALASTIC ROOFPRO



PROJECT DESCRIPTION

This prestigious private villa located in Woodcliff Lakes, New Jersey was built only a few years ago. The originally applied loose laid EPDM Membrane was leaking water into the occupied space.

PROJECT REQUIREMENT

One of the main challenges was the limited flashing height (less than 2") at the door thresholds. Most conventional waterproofing membranes require a min termination height of 5" including a termination bar, which was not possible in this case without raising the door thresholds. The new system build up including the waterproofing membrane and natural stones had to be designed as thin as possible to avoid costly and time consuming alterations.

PROJECT SOLUTIONS

Sikalastic® RoofPro Systems are fully adhered, self-terminating, fully reinforced, alkaline resistant, cold liquid applied waterproofing membranes, and are the first choice for every project involving overburden and tiles. The terrace was re-pitched with SikaQuick®-1000 Mortar to provide a min slope of 1/8" per foot. A fully reinforced Sikalastic®-644 Lo-VOC 20-year system was applied to the sloping layer and an additional top coat was broadcasted with kiln dried quartz sand to ensure good adhesion of the thin set mortar to the waterproofing membrane. The natural stones were then applied directly over the waterproofing membrane using thin set tile adhesives.

PRODUCTS USED

- Sika Concrete Primer Lo-VOC
- Sika Reemat Premium
- Sikalastic-644 Lo-VOC

PROJECT PARTICIPANTS

- Contractor: Dell Outdoor Construction

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