



# SIKA AT WORK

McEniry Building  
University of North Carolina  
Charlotte, NC

LIQUID APPLIED ROOFING & WATERPROOFING  
Sikalastic® RoofPro System

BUILDING TRUST



# AN EXISTING EPDM ROOF GETS A NEW LIFE!



// 2021

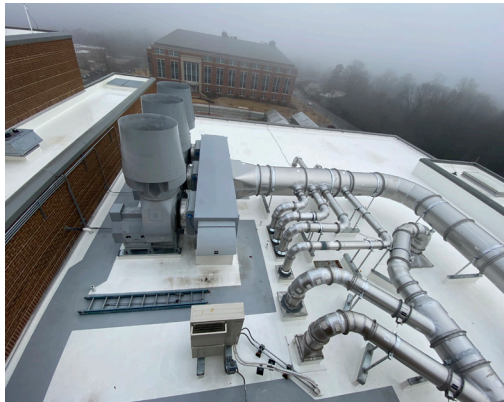
## PROJECT DESCRIPTION

Housing the Department of Geography and Earth Sciences, the McEniry Building, built in 1975, was in dire need of repairs, one of which was the roof. The existing EPDM roof cover was aging poorly and now leaking into the science rooms and labs housed in this building.

## UNIQUE PROBLEM

Prior to the application of Sikalastic® RoofPro, an interior renovation took place and multiple new roof penetrations, and equipment pads were added.

Adding the many penetrations for ventilation and proper airflow to the labs and classrooms soon made this a “busy rooftop”. In the roofing industry, this introduces many obstacles that can cause issues with potential leaking. The more units and penetrations a roof holds also makes for a very difficult installation to produce a monolithic weatherproof system.



## PROJECT SOLUTION

The main reasons for choosing this RoofPro application to go over the existing EPMD membrane were for a cost savings of not having to do a complete tear off and replacement and to not cause disruption to the classes in the academic areas of the building. With RoofPro, the application went smoothly and quickly around and up all the equipment pads and penetrations to create a seamless roof cover inclusive of flashings. Without the solution of RoofPro reinforced liquid applied membrane this roof would have continued to deteriorate making replacement inevitable. Instead the university was able to save the existing roof and obtain a 20 year warranted roof system.

## PRODUCTS USED

- SIKALASTIC® -641 LO-VOC
- SIKA® EPDM PRIMER
- SIKA® EP PRIMER RAPID
- SIKA® REEMAT PREMIUM
- SIKA® FLEXITAPE HEAVY, 3" & 6"
- SIKA® JOINT TAPE SA, 3"

## PROJECT PARTICIPANTS

SIKA CORPORATION: Chris Oler,  
Technical Field Services Rep – LAM  
SIKA INDEPENDENT REP: Hydro-Corr  
GENERAL CONTRACTOR: BIRS, Inc.  
ENGINEER: SKA Consulting Engineers, Inc.

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