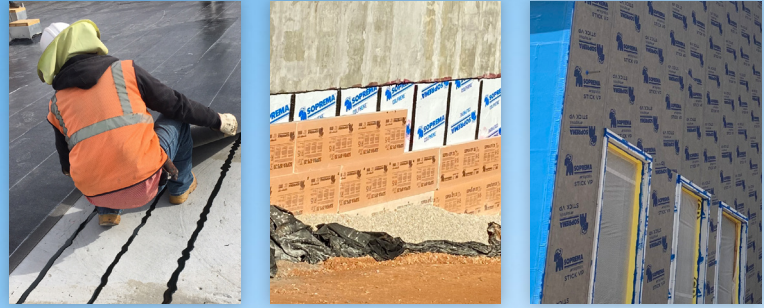


PROJECT PROFILE

YORK ELEMENTARY SCHOOL RALEIGH, NORTH CAROLINA



ABOUT THE PROJECT

In 2020, SOPREMA provided a wide range of materials for the new construction at York Elementary School in Raleigh, NC, part of the Wake County Public School System. Though not in the original specification for below-grade waterproofing solutions, waterproofing contractor J.T. Murphy Construction helped persuade the design team to choose SOPREMA to benefit from the single-source warranty and compatible tie-in details for the entire building enclosure, including wall and roofing products as well.

Thanks to the invaluable benefit of SOPREMA's extensive product line, the team was able to circumvent multiple raw material shortages. When base sheet fasteners were not available to start the roof application, they switched to COLPLY® EF adhesive. Another change was made when liquid waterproofing was not available, prompting a change to SOPRASEAL® Stick VP to finish the walls.

PROJECT DETAILS

PROJECT SIZE	132,000 total square feet (10,000 in below-grade waterproofing, 60,000 in walls, and 62,000 in roofing)
PROJECT COMPLETION	December 2021
CONTRACTORS	AAR Roofing & Sheet Metal Company and J.T. Murphy Construction, Inc.
ARCHITECT	Skinner Farlow Kirwan Architecture
BLINDSIDE WATERPROOFING	COLPHENE® BSW
BELOW-GRADE WATERPROOFING	COLPHENE® 3000, SOPRA-XPS, SOPRADRAIN™, COLPHENE® LM BARR on laps of COLPHENE® 3000
WALL AIR/VAPOR BARRIER	SOPRASEAL® Stick VP
DECK TYPE	Lightweight Insulating Concrete (LWIC)
BASE PLY	SOPRALENE® 180 PS 3.0, using COLPLY® EF ribbons
CAP PLY	ELASTOPHENE® Flam LS FR GR
FLASHINGS	SOPRALENE® Flam 180 and SOPRALAST® 50 TV ALU