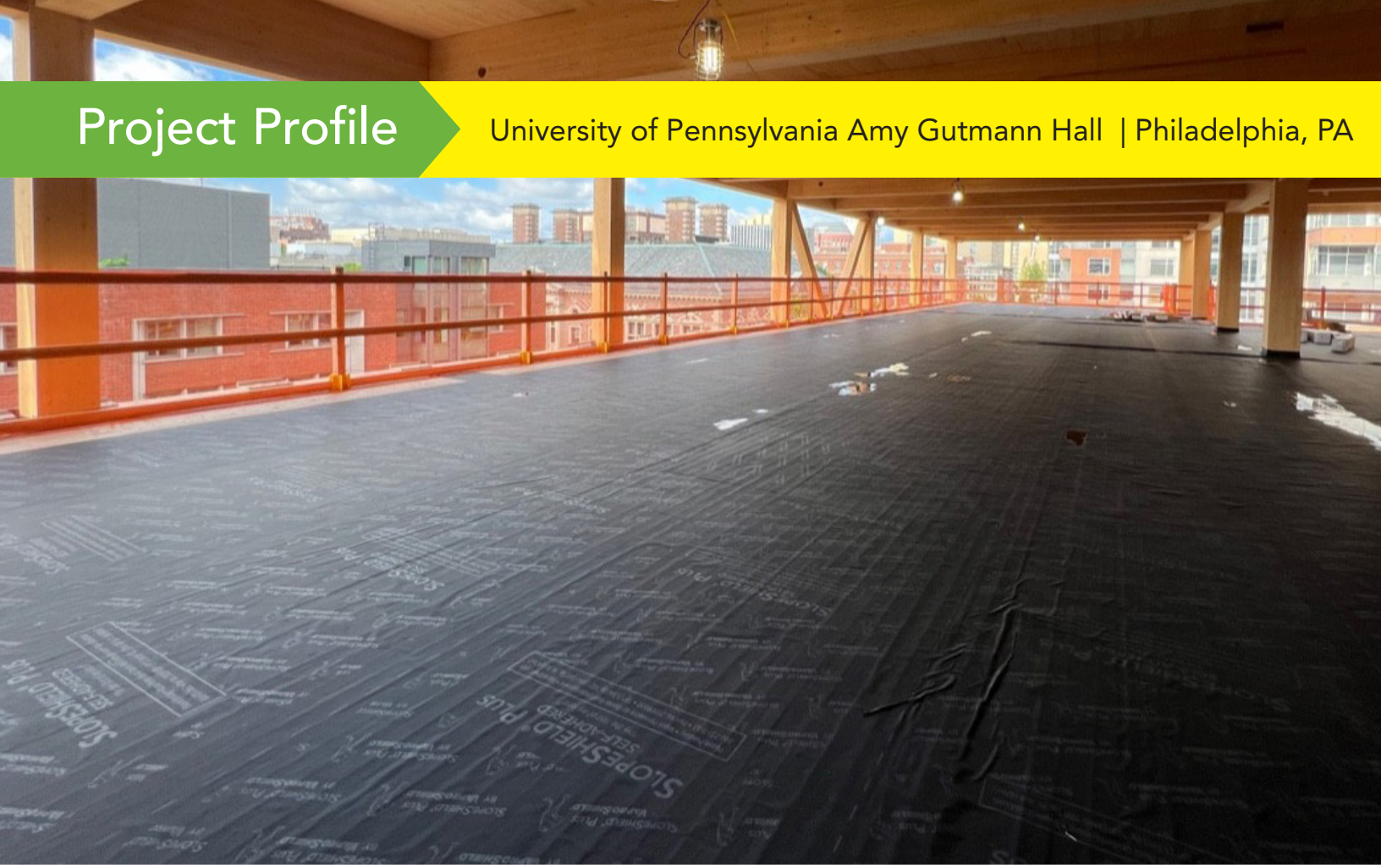
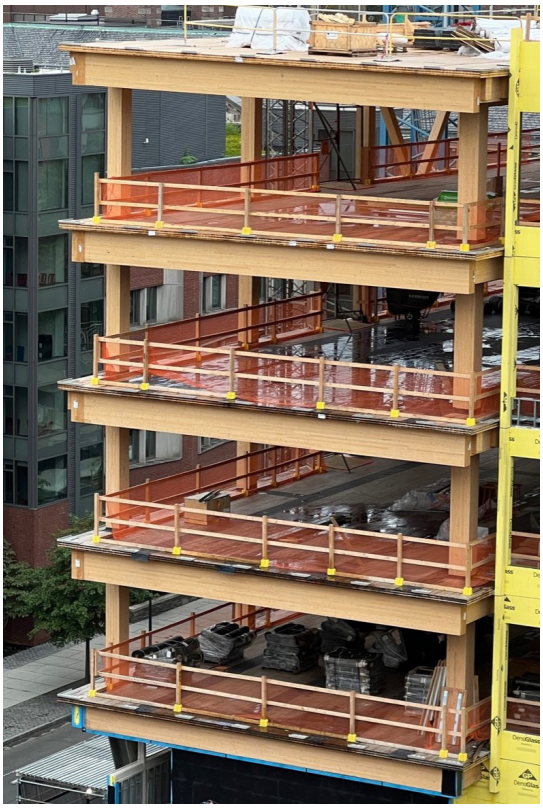
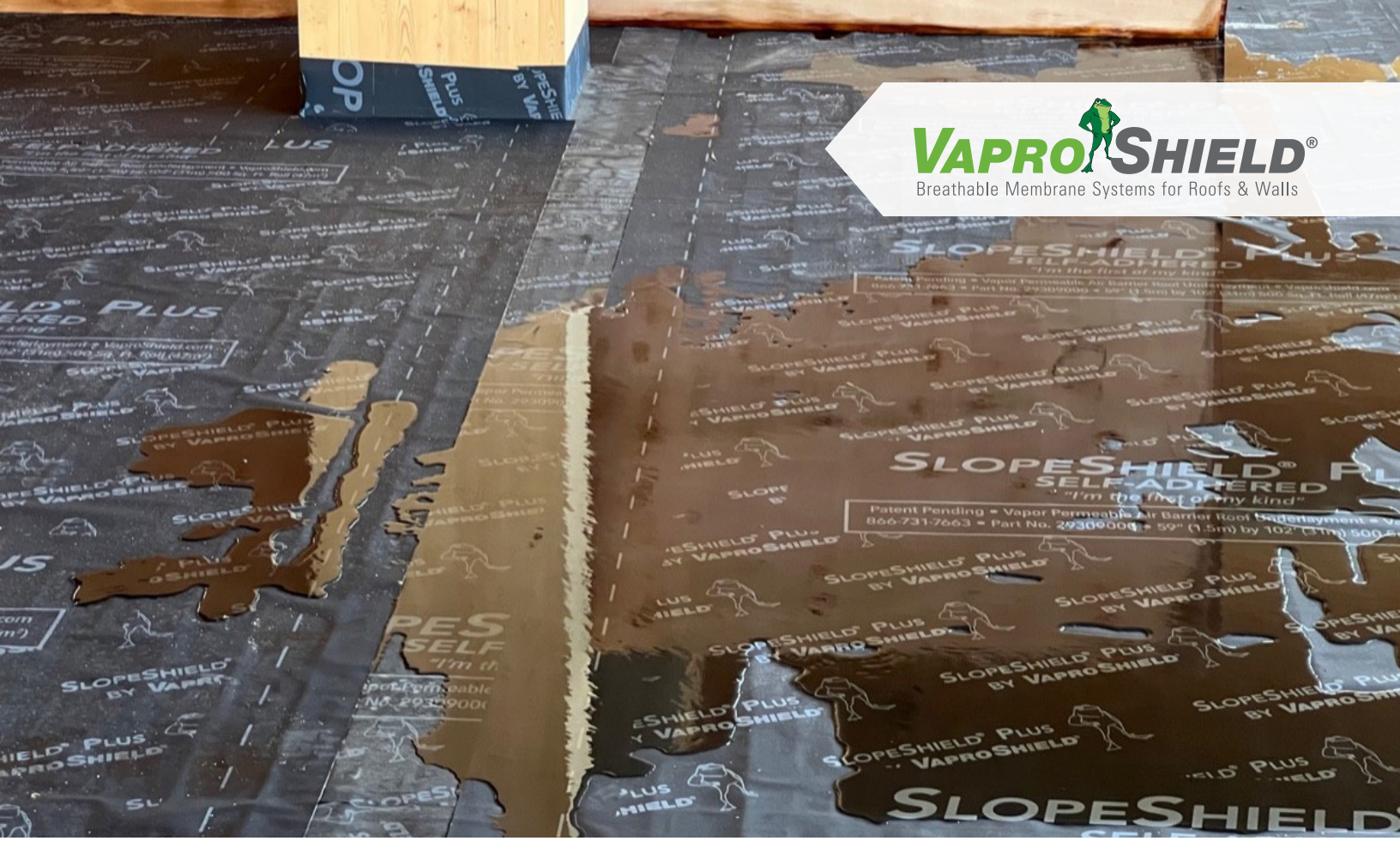
Project Profile

University of Pennsylvania Amy Gutmann Hall | Philadelphia, PA



Amy Gutmann Hall, Philadelphia's inaugural six-story mass timber construction, serves as a forthcoming data science hub and research center. Emphasizing mass timber as its primary building material, the project aims to foster a connection between occupants and the surrounding natural environment. Choosing mass timber over conventional materials presents new challenges for contractors, especially in managing moisture infiltration during and after construction. To ensure concurrent protection and proper drying of the mass timber structure, over 60,000 sq.ft. of SlopeShield Plus SA, a fully self-adhered air barrier membrane with high drying capacity, was installed. SlopeShield Plus SA does not inhibit drying, rather it allows the mass timber to dry through moisture vapor diffusion while simultaneously deflecting bulk water intrusion. With its robust construction, SlopeShield Plus SA handles foot traffic and heavy equipment with ease. Enduring 180 days of UV and climate exposure, it helps contractors maintain their schedule even in unfavorable weather conditions.





The Specifications

VaproShield Solutions	SlopeShield Plus SA Self-Adhered
Construction Type	Mass Timber