



Dallas Arboretum

Commercial - Dallas, Texas

Mapeplan® PVC - PVC Roofing Membrane

Mapeplan® P SB - Solvent-Based Bonding Adhesive

Mapeplan® P - Prefabricated Accessories

Polytherm® Insulation - Polyisocyanurate Insulation

Polylock™ LRF ECO - Low Rise Foam Roofing Adhesive

PolyFlash® Flexible Curb Kit - Universal Roof Penetration Curb Kit

PolyFlash® 1C - One Part Flashing Compound

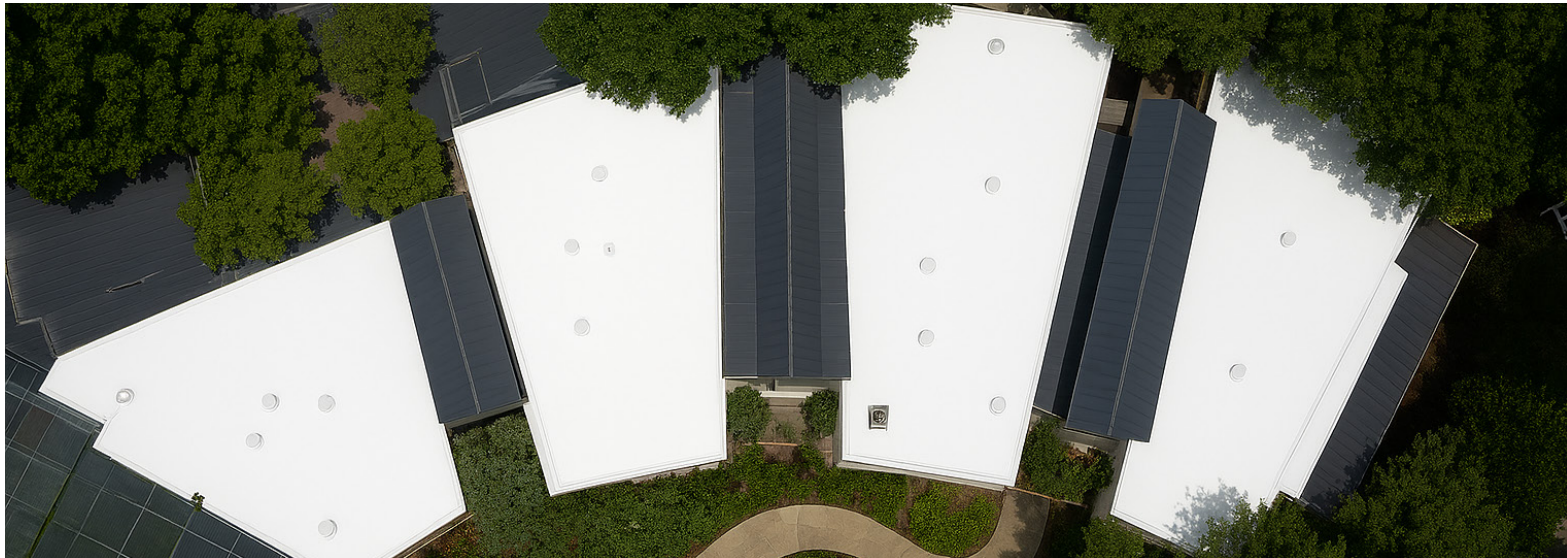
10,000 ft²

POLYGLASS®



Installed by Zenith Roofing & Waterproofing

2026



Featuring 19 meticulously manicured gardens, tree-lined pathways and vibrant seasonal floral displays, a world-renowned arboretum and botanical garden in Texas creates a breathtaking urban oasis. The location is also home to world-class festivals every spring and fall, and a cutting-edge educational facility focused on life and earth sciences.

So, when it came time to reroof four buildings at the site, protecting the arboretum's legacy was front of mind for roofing contractor Zenith Roofing and Polyglass USA.

That said, the project was not without issues. Very low parapet walls and unusual slopes made it difficult to ensure proper drainage. Using standard taper plans would be too high, and extremely low flashing areas presented additional challenges. With this in mind, Zenith turned to Polyglass USA's PVC membrane products as the optimal solution. The roofing assembly featured an adhered installation, utilizing Mapeplan® P SB bonding adhesive for the Mapeplan® PVC membrane and Polylock™ LRF ECO low-rise foam adhesive to secure the Polytherm® Polyiso insulation and DensDeck cover board.



Based on these conditions, local Polyglass representative Dylan Homa recommended Polyglass Mapeplan® PVC as the preferred solution due to its greater flexibility and ability to accommodate the tight tolerances required for the project.



For information on this project visit polyglass.us/projects

