

FACILITY NEEDS ASSESSMENT



A Facility Needs Assessment is an overall evaluation of the facility's inventory of building envelope materials and components to evaluate their remaining life expectancies.

APPROACH TO FACILITY MANAGEMENT STRATEGIES

BEAM will scour every square inch of the a facility's roof, walls, and overall building components to provide a comprehensive report of their current conditions and set priorities based off of the apparent remaining life expectancies. The building envelope is an integral portion of the overall building performance, from water intrusion to heat and conditioned air leakage. The FNA is the cornerstone of being proactive on building envelope requirements from preventive repairs to capital replacement. The assessment results are used as the basis for strategy and budget development for projects to produce

KEY PURPOSE

The purpose of the assessment is to document the existing conditions of both the roofing and other building envelope systems. This is crucial for creating a strong, strategic, and therefore cost-efficient maintenance program by:

- 1 Identifying Deficiencies and Prioritizing Maintenance:** The primary purpose is to identify any deficiencies in the building envelope and prioritize maintenance and repairs accordingly. This helps prevent further deterioration, ensuring the building's structural integrity and functionality are maintained.
- 2 Energy Efficiency Improvements:** Assessing and improving the energy efficiency involves identifying areas where energy is being lost, such as through poorly insulated walls or inefficient windows. Enhancing energy efficiency not only reduces operational costs but also aligns with sustainability goals and environmental considerations.
- 3 Life Cycle Planning and Financial Management:** A Facility Needs Assessment supplements long-term plans by providing insights into the life cycle of building envelope components. This essential information helps organizations financially plan to allocate budgets effectively for repairs, replacements, and upgrades over time.

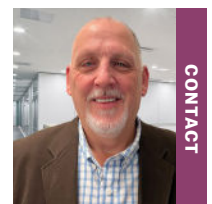
These three purposes address the core aspects of maintaining building functionality, ensuring energy efficiency, and strategically planning the finances of building envelope management.



Efficient buildings require a vigilant eye on deficiencies, a commitment to energy sustainability, and a strategic approach to financial planning. In the realm of building envelopes. A thorough Facility Needs Assessment is the compass guiding us toward structural integrity, energy efficiency, and prudent financial stewardship.



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