



Founded in August 1999, Karins Engineering is a professional service firm offering Civil, Structural and Mechanical Engineering services to government and commercial industries.

Karins Engineering provides complete and conscientious services based upon thorough investigation, analysis, design, economic consideration and functional requirements. Close client coordination is considered extremely important, with every effort made to provide this as a fundamental element of our service.

### **ENGINEERING SERVICES:**

Our diverse expertise has been developed throughout the depth of design, inspection, and restoration work on a multitude of project types. Our teams of professionals intrinsic understanding of the many components of a successful project makes Karins Engineering exceptional in the practice of structural engineering. With our team of professionals are highly innovative, creative and in tune with the latest construction methods. We are constantly on the lookout for new ideas to provide cost-effective construction techniques.

Karins Engineering has worked with clients spanning from residential, government, commercial industries, including building associations, property management companies, individual owners, contractors, sub-contractors, developers, engineers, architects, law firms and insurance companies.

### **CONSULTING FOR RESTORATION OF DETERIORATED STRUCTURES:**

- € Damage Investigation
- € Structural adequacy investigations and reports
- € Repair Specification Development
- € Rehabilitation and reconstruction design
- € Historical structure rehabilitation design
- € Damaged structure repair design
- € Bid Phase Consulting
- € Construction Observation Services

## **Building Safety Inspection Programs**



## **Structural Integrity Reserve Study**

### **SPECIAL INSPECTION OF THRESHOLD BUILDINGS:**

- € Certified Special Inspectors of Threshold Buildings
- € Inspection provided by graduate Engineers
- € Third Party and Building Department Inspections
- € Multiple-story Condominiums
- € Multiple-story Hotels
- € Churches & Mixed Use Structures
- € Education & Government Facilities

# WHY HIRE KARINS ENGINEERING?

## **WHY? DO YOU WANT TO WORK WITH A COMPANY & GET THE BENEFITS OF THEIR EXPERIENCE?**

The Karins Engineering Team consists of experts who know and understand how to install finishes, pavers, tiles, stones, coatings, waterproofing, sealants, roofing membranes and a variety of flashings applications, along with the structural repair of concrete, steel and wood framing systems. Our process for administering exterior building envelope repair and protection has been developed over hundreds of projects in the firm's 24-year history. We have examples of successful projects throughout Florida and knowledge of the material and contractor base capable of successfully completing painting, roofing, and waterproofing projects. The firm's philosophy is striving to achieve the maximum value for every dollar spent by our clients by providing technically proficient, efficient solutions with an emphasis on customer service.

## **WHY? DO YOU UNDERSTAND THE EVER-CHANGING FLORIDA BUILDING CODES AND STATUTES?**

We know your concerns about maintaining your buildings. We listen to owners, maintenance personnel, property managers, etc. who report issues and our team incorporates them into the investigation. We understand that most problems in building serviceability result from poor understanding of the process, inadequate control of the quality of the field work and lack of trained supervision of the installation methods. Karins Engineering evaluates the existing conditions with real data. Our team observes and tests the existing coatings and sealants to determine the current condition to identify deficiencies in the aesthetics, water intrusion and other construction details.

## **WHY? DO YOU WANT TO SAVE MONEY, BE COST EFFECTIVE?**

Our team designs solutions that address the issues as systematically identified. Design solutions are based on an understanding of the cause of the issues, knowledge of the capacity of materials to adequately address them and an understanding of the long-term effects of various solutions. Karins Engineering is a third party whose revenue is not dependent on the material specified. Therefore, we can select and specify materials that address the issues cost effectively.

## **WHY? DO YOU WANT TO PROTECT YOUR INVESTMENT?**

Karins Engineering solution designs are organized in a Project Manual that includes engineered specifications and details, as well as industry standard construction contracts, bid forms and material specifications. This Project Manual is essential for the project in order to be well defined, both technically and procedurally. A well-defined project can be more accurately bid, constructed and administered. Karins Engineering administers the construction project procedures verifying conformity to the contract documents. We administer the payment process, reviewing applications for payment for accuracy and approving payment for only completed work. We administer the project start up and close out processes, verifying specified products are used and warranties as well as appropriate lien releases are issued.



**The Engineer's job is to  
OBSERVE, REPORT  
& ADVISE**